

5-21-78 - Location Abandoned
4-15-78 Application B Filed, Location Changed
12-29-78 - Date first production

FILE NOTATIONS

Entered in NED File ..✓.....
Location Map Pinned✓.....
and Indexed✓.....

Checked by Chief✓.....
Approval Letter✓.....
Disapproval Letter

COMPLETION DATA:

Well Completed 1-11-79
W. WW. TA.
✓ OS. PA.

Location Inspected

Bond released
State or Fee Land

LOGS FILED

Driller's Log.....✓.....

Electric Logs (No.)✓.....

E. I. Dual I Lat. GR-N. Micro.

BNC Sonic GR. Lat. MI-L. Sonic.

CBLog. CCLog. Others.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Continental Oil Company

3. ADDRESS OF OPERATOR

152 North Durbin St., Casper, Wyo. 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

644' FEL, 648' FSL (SE SE)

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drg. unit line, if any)

644'

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

Not applicable

19. PROPOSED DEPTH

10,730'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4682' Ungraded GR

22. APPROX. DATE WORK WILL START*

May 1, 1978

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	54.5#	90'	125 sacks
12 1/4"	9 5/8"	36.0#	1900'	675 sacks
7 7/8"	5 1/2"	15.5#, 17#	10,730'	*

It is proposed to drill Conoco-Mountain Lion, et al, 34 No. 2 as a Mesaverde gas producer. There are no cores or DST's planned. All appropriate logs will be run. It is anticipated to air drill this well until fluid entry into the wellbore becomes such a problem as to require a mud system.

If the Mesaverde proves noncommercial, we may plug back to the Wasatch.

- * Cement volume and placement of cement will depend upon which zones are commercial. Cement volumes will be calculated from Caliper log. Engineering will provide cement volumes and placement of centralizers and cementing tools after well has been logged and productive intervals have been determined.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED T. C. Thompson TITLE Administrative Supervisor DATE 11/14/77

(This space for Federal or State office use)

PERMIT NO. 43-00000-00000 APPROVAL DATE _____APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

11/14/77

1. The geologic name of surface formation: Uintah2. The estimated tops of important geologic markers:

<u>Formation</u>	<u>Drilled Depth</u>	<u>Subsea</u>
Green River	2062'	+2630'
Wasatch	5377'	- 685'
Mesaverde	8302'	-3610'
Mancos	10,642'	-5950'
TD	10,730'	-6038'

3. It is anticipated to encounter a water bearing zone in the Green River formation. A gas and water bearing zone is anticipated in the Wasatch and in the Mesaverde formations. The depths of these formations are listed in (2) above.

4. Proposed casing pattern:

0-90'	-	13 3/8" OD, 54.5#/ft., K-55, ST&C
0-1900'	-	9 5/8" OD, 36.0#/ft., K-55, ST&C
0-500'	-	5 1/2" OD, 17.0#/ft., N-80, LT&C
500-2000'	-	5 1/2" OD, 17.0#/ft., K-55, LT&C
2000-6800'	-	5 1/2" OD, 15.5#/ft., K-55, ST&C
6800-9000'	-	5 1/2" OD, 17.0#/ft., K-55, ST&C
9000-10,730'	-	5 1/2" OD, 17.0#/ft., N-80, ST&C

(All casing mentioned above will be new.)

5. Specifications for pressure control:

Our minimum specification for pressure equipment will be 5000 lbs. (Schematic attached)

6. Proposed circulating medium:

Well will be drilled with air. If fluid entry into wellbore becomes such a problem as to require drilling fluid to lift cuttings, aerated water inhibited with 2% KCl will be used. It is anticipated that a low solid Gel-Chemical system will be needed at $\pm 5500'$. Mud weights will be maintained between 9.0-10.7 lbs. per gallon to T.D. (Sufficient mud will be mixed on location to fill hole volume plus excess of 200 bbls. and sufficient weight to control bottom hole pressures.)

7. Auxiliary equipment:

We will use kelly cocks, floats at the bit, monitoring equipment on the mud system (if needed), a sub on the floor with full opening valve, and a blooie line.

8. Testing, logging and coring:

As mentioned in the permit to drill, no cores or DST's are planned. A flare will be ignited under the blooie line when drilling below the top of the Green River to detect combustible quantities of gas. The following logs will be run over the specified intervals:

- A. Dual Induction with SP from surface pipe to T.D.
- B. Formation Density and Compensated Neutron Log with Caliper over selected zones in the Green River, Wasatch and Mesaverde formations. The Caliper will be run from T.D. to surface pipe.

9. Abnormal pressures and temperatures:

We do not anticipate any abnormal pressures or temperatures. Rotating head will be used while drilling with air for control. BOP's will be used for control while drilling with mud. Mud weight will be increased, if necessary, to insure adequate control.

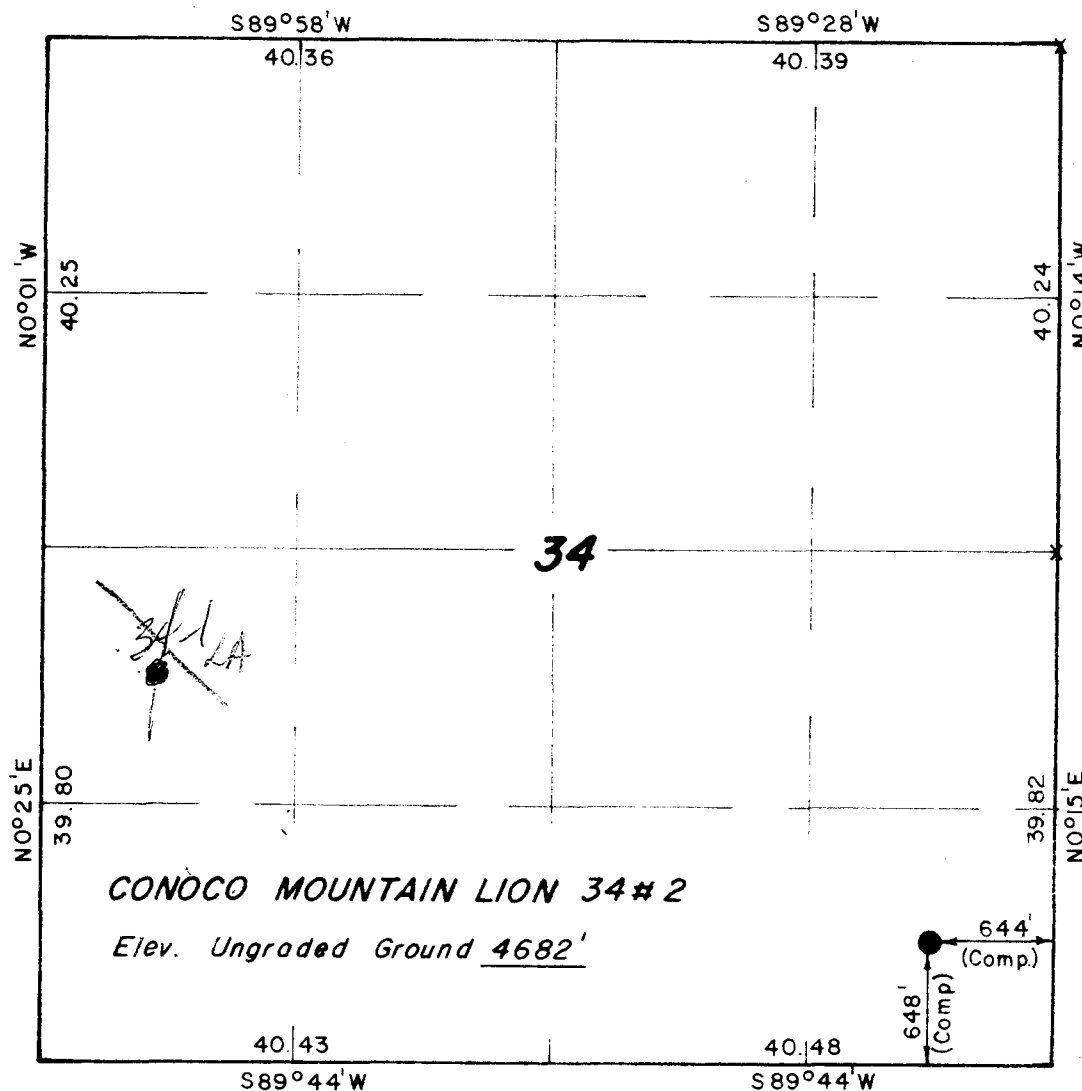
10. Starting date and duration:

We plan to spud the well on May 1, 1978, and expect drilling operations to last 57 days.

PROJECT

CONTINENTAL OIL CO.

Well location, *CONOCO MOUNTAIN*
LION 34#2, located as shown in the,
SE1/4 SE1/4, Section 34, T8S, R21E,
S.L.B.&M. Uintah County, Utah.



X = Section Corners Located.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

UTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'

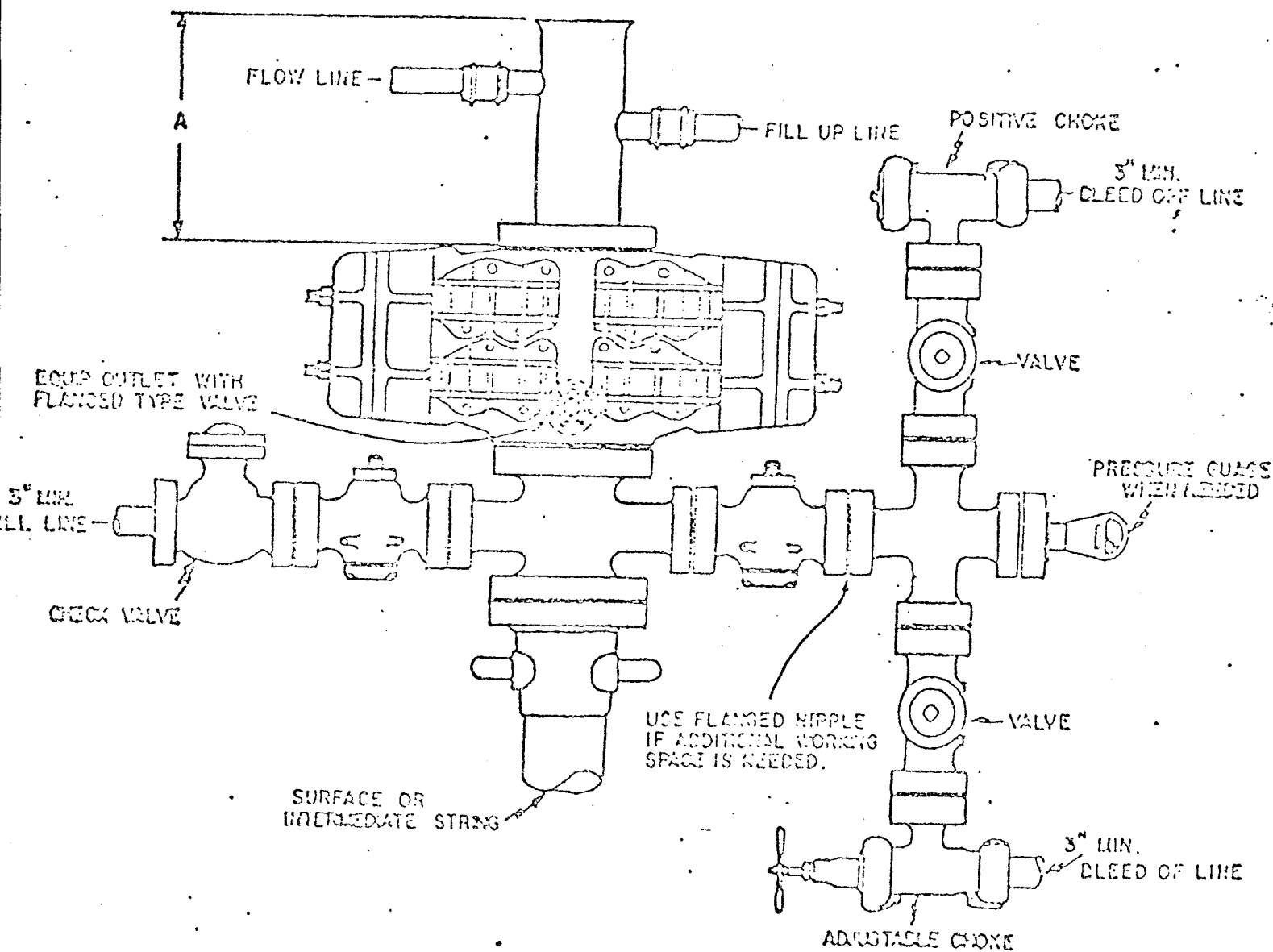
DATE 11/3/77

GS SS JW

REFERENCES
GLO PLAT

WEATHER Cool

FILE
CONTINENTAL OIL CO.



Conoco:

Minimum BOP Stack	5000 psi Working Pressure
One Pipe Ram	
One Blind Ram	
Manifold	5000 psi Working Pressure
Well Head	5000 psi Working Pressure

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

** FILE NOTATIONS **

Date: Nov. 21-1977

Operator: Continental Oil Co.

Well No: Chaco-Mountain Limestone 34-#2

Location: Sec. 34 T. 8S R. 21E County: Uintah

File Prepared: ☒

Entered on N.I.D.: ☒

Card Indexed: ☒

Completion Sheet: ☒

API NUMBER: 43047-30358

CHECKED BY:

Administrative Assistant AD

Remarks: Too close to 34-1, Rec - Abandoned -

Petroleum Engineer OK

Remarks: OK

Director 7

Remarks: Location changed to fit old

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: ☒

Survey Plat Required: ☐

Order No. 173-1

Surface Casing Change to ☐

Rule C-3(c), Topographic exception/company owns or controls acreage within a 660' radius of proposed site ☐

O.K. Rule C-3 ☒

O.K. In ☐

Unit ☐

Other: ☐

Letter Written/Approved

November 30, 1977

Continental Oil Company
152 North Durbin Street
Casper, Wyoming 82601



Re: Well No. Conoco-Mountain Lion,
et al, 34-2
Sec. 34, T. 8 S, R. 21E
Uintah County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PATRICK L. DRISCOLL - Chief Petroleum Engineer
HOME: 582-7247
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-3033⁸₅.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
Director



Production Department
Casper Division
Western Hemisphere Petroleum Division

Continental Oil Company
152 North Durbin
Casper, Wyoming 82601
(307) 234-7311

Orig.
December 14, 1977

Utah Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Gentlemen:

Conoco Mountain Lion et al 34 No. 2
Uintah County, Utah
File: PC-410-CF

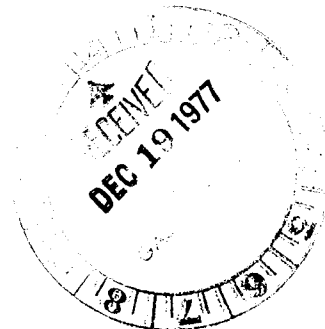
Originally we planned to drill Conoco Pawinne 34 No. 1 (2049' FSL and 501' FWL (NW SW) Section 34, T8S, R21E, Uintah County, Utah) as a Wasatch test. This letter officially withdraws our application to drill at this location.

Our current plans are to drill the subject well as a Mesaverde test in the SE SE of Section 34, T8S, R21E, Uintah County, Utah. This concurs with your November 30, 1977 approval letter.

Very truly yours,

T. C. Thompson
Administrative Supervisor

kb



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 14-28-H62-3010 #190173	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME AL-3010	
2. NAME OF OPERATOR Continental Oil Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 152 North Durbin St., Casper, Wyo. 82601		8. FARM OR LEASE NAME Conoco-Mountain Lion, et al, 34	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1871' FSL, 1302' FEL (NE SE) At proposed prod. zone		9. WELL NO. 2	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT Ouray - Mesaverde	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 769'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 34, T8S, R21E	
16. NO. OF ACRES IN LEASE 160		12. COUNTY OR PARISH Uintah	
17. NO. OF ACRES ASSIGNED TO THIS WELL 320		13. STATE Utah	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. Not applicable 10,735'		19. PROPOSED DEPTH 10,735'	
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* June 20, 1978	
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 4730' Ungraded GR		23. PROPOSED CASING AND CEMENTING PROGRAM	

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	10 3/4"	40.5#	250'	250 sacks
8 3/4"	7 5/8"	26.4#, 29.7#	8300'	*
6 1/2"	4 1/2"	11.6#	10,735'	*

It is proposed to drill Conoco-Mountain Lion, et al, 34 No. 2 as a Mesaverde gas producer. There are no cores or DST's planned. All appropriate logs will be run. It is anticipated to air drill this well until fluid entry into the wellbore becomes such a problem as to require a mud system.

If the Mesaverde proves noncommercial, we may plug back to the Wasatch.

*Cement volume and placement of cement will depend upon which zones are commercial. Cement volumes will be calculated from Caliper log. Engineering will provide cement volumes and placement of centralizers and cementing tools after well has been logged and productive intervals have been determined.

NOTICE OF APPROVAL

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED T. C. Thompson TITLE Administrative Supervisor DATE 4/7/78
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY (ORIG. SGD.) E. W. GUYNN TITLE DISTRICT ENGINEER DATE MAY 26 1978
CONDITIONS OF APPROVAL, IF ANY:

USGS(3) UOGCC(2) File

*See Instructions On Reverse Side

State O&G

CONTINENTAL OIL CO.

Well location, *CONOCO MOUNTAIN*
LION 34 #2, located as shown in
the NE 1/4 SE 1/4 Section 34, T 8 S,
R 21 E, S.L.B. & M. Uintah County, Utah.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

UTAH ENGINEERING & LAND SURVEYING
 P. O. BOX Q - 110 EAST - FIRST SOUTH
 VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 3/23/78
PARTY LDT BR DJ	REFERENCES GLO Plat
WEATHER Sunny, Warm	FILE CONTINENTAL OIL

U. S. GEOLOGICAL SURVEY - CONSERVATION DIVISION

FROM: : DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. 14-20-A62-3010

OPERATOR: Continental Oil Co.

WELL NO. 2

LOCATION: 1/4 NE 1/4 SE 1/4 sec. 34, T. 8S., R. 21E., S. 11

Uintah County, Utah

1. Operator predicted stratigraphy and predicted hydrocarbon zones are adequate? Yes.
If not, USGS predictions are:
2. Fresh water aquifers probable below surface casing? Yes. May be encountered in Uintah Rocks (0 - 1,700').
3. Other probable leasable minerals? Yes. Oil Shale in Green River Group. Coal in Mesaverde (5,400 - 8,350').
4. Are hazardous fluids or gases likely? No.
5. Are abnormal conditions of pressure or temperature likely? No.
6. Will any strata penetrated need special mud, casing, or cementing beyond that proposed in the APD? No.
7. Is additional logging or sampling needed? No.
8. References - remarks: USGS Files, Salt Lake City, Utah
Is location within 2 miles of a KGS? Yes. Within 1 mile of Red Wash. Unexploded addition to 15 B.S.

Signature: Donald C. Alford

Date: 05/24/78

Oil and Gas Drilling

EA No. 1082

United States Department of the Interior
Geological Survey
8440 Federal Building
Salt Lake City, Utah 84138

Usual Environmental Analysis

Lease No. 14-20-H62-3010

Operator Continental Oil Co.

Well No. 2

Location 1871' FSL 1302' FEL Sec. 34 T. 8S R. 21E

County Uintah State Utah Field Ouray-Mesaverde

Status: Surface Ownership Indian AL-3010 Minerals Indian

Joint Field Inspection Date May 23, 1978

Participants and Organizations :

Russel Murray

BIA

Warren Church

Continental Oil Co.

Roy Steele

Don H. Steele & Son Contractors

John Evans

USGS

Related Environmental Analyses and References:

(1) Rainbow Unit Resource Analysis, Bureau of Land Management, Vernal, Utah

(2) White River Shale Project, Detailed Development Plan

Analysis Prepared by:

John T. Evans
Environmental Scientist
Salt Lake City, Utah

Date May 23, 1978

NOTED JOHN T. EVANS, JR.

5/24/78

MAY 26 1978

Proposed Action:

The operator submitted an Application for Permit to Drill, Form 9-331C, on April 14, 1978 with a 10-Point Drilling and 13-Point Surface Use Programs which are on file with the U.S.G.S., Oil and Gas Operations, Salt Lake City, Utah.

The operator proposes to drill a gas test well with rotary tools to about 10,735 feet T.D. to explore and develop potential hydrocarbon reserves in the Wasatch and Mesaverde Formations. The operator proposes to construct a drill pad 300 ft. x 200 ft. and a reserve pit 125 ft. x 200 ft. To construct 18 ft. wide x 0.5 miles access road from an existing and improved road. To construct gas production facilities on the disturbed area for the drill pad.

If production is established, a gas flow line will be constructed as outlined in the proposed plan. The anticipated starting date is June 1, 1978 and duration of drilling activities would be about 57 days.

The proposed water supply was changed to use water from the Green River via the proposed access road. An area of 60' around the outside of the drill pad would be used for storage of frac tanks and other equipment. A SAND-CO2 Fracturing is planned.

LOCATION AND NATURAL SETTING (EXISTING ENVIRONMENTAL SITUATION)

Topography:

The proposed location is on a river terrace which is approximately 50 feet in elevation above the White River. The terrace is relatively flat and is cut by small non-perennial drainages.

Geology:

The Uintah Formation is present at the surface. Rounded rocks and gravels at the surface indicate that the surface is alluvial of unknown age. The operator's geologic tops appear reasonable and are included in the 10-Point Plan. Coal may be found at depth, however, no mining is anticipated.

Approval of the proposed action would be conditioned that adequate and sufficient electric, radioactive, density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs will be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation would exist and is possible. Loss of circulation may result in the lowering of the mud levels, which might permit exposed upper formations to blow out or to cause formation to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep into the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

A geologic review of the proposed action has been furnished by the area geologist, the U.S. Geological Survey, Salt Lake City, Utah. The operator's drilling, cementing, casing and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

Soils:

No detailed soil survey has been made of the project area. The top soils in the area range from a sandy clay to a clay type soil. The soil is subject to runoff from rainfall and has a high runoff potential and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert shrub community.

Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access roads per the recommendations of the Bureau of Indian Affairs.

Approximately three acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, reseeding of slope-cut area would minimize this impact. The Bureau of Indian Affairs waved the stockpiling of top soil. The soils should be stable for reserve pit construction. The operator will line the pit if upon excavation the reserve pit appears to be unsuitable to retain drilling fluids.

Air:

No specific data on air quality is available at the proposed location; however, data from the White River Shale Project infers that the existing air quality relative to federal Ambient Air Quality Standards is good. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

The peak of air pollutant would occur during the drilling phase and would be substantial reduction of air pollutants during production phase. Due to the short term of the drilling phase a significant change in overall air quality is not expected.

Precipitation:

Annual rainfall should range from about 6-8 inches at the proposed location. The majority of the numerous drainages in the surrounding area of a non-perennial nature flowing only during early spring runoff and during extremely heavy rain storms. This type of storm is rather uncommon as the normal annual precipitation is around 6".

Surface Water Hydrology:

Drainage from the location is to the White River across an irrigated flood plain. The White River is approximately 0.5 miles to the south

of the proposed location. The reserve pit should contain all fluid and sediments from the location. If oil is encountered, tank batteries should have emergency containment dikes. The proposed project should have minor impact on the surface water systems. The potential would be present from leaks or spills. The operator is required to report and clean-up all spills or leaks.

Ground Water Hydrology:

Some minor pollution of ground water systems would occur with the introduction of drilling fluids (filltrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination and commingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basis information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B. The BIA may request the well for a water well if fresh waters are encountered.

Vegetation:

Lupine, halogenton, mustard, sego lilly, "blåderpod", shadscale, rabbit brush, greasewood, cacti, indian rice grass, salt grass, and other annuals were the main species on the location. The river valley is in cultivated farm land. The well site was selected as the best possible site not to impact this resource.

Plants in the area are of the ^{salt}~~slat~~-desert-shrub types. Proposed action would remove about three acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing. The operator proposes to rehabilitate the surface upon completion operations.

Wildlife:

The White River is the possible habitat for the Colorado Squawfish and Humberback Chub. Prairie dogs are also known to habitat in the area,

therefore, ^{Peregrine}~~Perrigan~~ falcon may be present in the area. No Burrows were noted in the project area. No impact on this species is anticipated as sightings of the falcon have been of transient birds.

Animal and plant inventory has been made by the BIA. No endangered plants or animals are known to habitat on the project area. The fauna of the area consists predominantly of the coyotes, rabbits, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep.

The birds of the area ^{are}~~of~~ raptors, finches, ground sparrows, magpies, crows, and jays.

Land Use:

Mollys Nipple, an erosional remnant is a local landmark and lies 1½ miles to the SW of the location. The location was selected not to impact present and proposed irrigation projects in the area.

Alternatives to the Proposed Action:

1. Not approving the proposed permit--the oil and gas lease grants the lessee exclusive right to drill for, mine, extract, remove and dispose of all oil and gas deposits.
2. Deny the proposed permit and suggest an alternate location to minimize environmental impacts. No alternate location on this lease would justify this action.

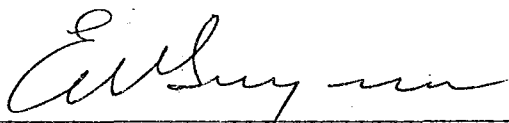
Adverse Environmental Effects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately three acres of land surface for the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traf-

fic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, leaks, spills of gas, oil or water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for sub-surface damage to fresh water aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable and irretrievable commitment of resources would be made. Erosion from the site would eventually be carried as sediment in the White River. The potential for pollution to the White River would exist through leaks and spills. Due to the distance from the river, the hazard would be low. The potential for damage to cultivated farmland would exist through leaks and spills.

Determination:

This requested action does not constitute a major Federal action significantly affecting the environment in the sense of NEPA, Sec. 102 (2)(C).



District Engineer
U.S. Geological Survey
Conservation Division
Oil and Gas Operations
Salt Lake City District

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

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WELL ☐

GAS
WELL ☒

OTHER

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ZONE ☒

MULTIPLE
ZONE ☐

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Continental Oil Company

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152 North Durbin St., Casper, Wyo. 82601

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At surface

1871' FSL, 1302' FEL (NE SE) ✓

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

769' ✓

16. NO. OF ACRES IN LEASE

160

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

Not applicable

10,735' ✓

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4730' Ungraded GR

22. APPROX. DATE WORK WILL START*

June 20, 1978

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	10 3/4"	40.5#	250'	250 sacks <i>ak</i>
8 3/4"	7 5/8"	26.4#, 29.7#	8300'	*
6 1/2"	4 1/2"	11.6#	10,735'	*

It is proposed to drill Conoco-Mountain Lion, et al, 34 No. 2 as a Mesaverde gas producer. There are no cores or DST's planned. All appropriate logs will be run. It is anticipated to air drill this well until fluid entry into the wellbore becomes such a problem as to require a mud system.

If the Mesaverde proves noncommercial, we may plug back to the Wasatch.

*Cement volume and placement of cement will depend upon which zones are commercial. Cement volumes will be calculated from Caliper log. Engineering will provide cement volumes and placement of centralizers and cementing tools after well has been logged and productive intervals have been determined.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

T.C. Thompson

TITLE Administrative Supervisor

DATE 4/7/78

(This space for Federal or State office use)

PERMIT NO.

~~49047-3075~~

APPROVAL DATE

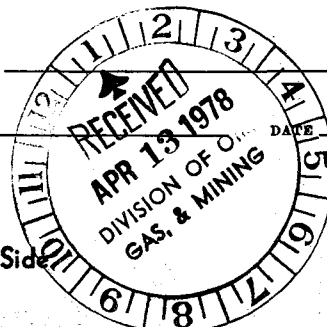
APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

USGS(3) UOGCC(2) File

*See Instructions On Reverse Side



5. LEASE DESIGNATION AND SERIAL NO.
1-190173 ✓

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Conoco-Mountain Lion, et al, 34 ✓

9. WELL NO.
2

10. FIELD AND POOL, OR WILDCAT
Ouray - Mesaverde ✓

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Sec. 34, T8S, R21E ✓

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

1. The geologic name of surface formation: Uintah
2. The estimated tops of important geologic markers:

<u>Formation</u>	<u>Drilled Depth</u>	<u>Subsea</u>
First Limestone	1707'	+3030'
Green River	2062'	+2630'
Wasatch	5422'	- 685'
Mesaverde	8347'	-3610'
Mancos	10,689'	-5950'
TD	10,735'	-5998'

3. It is anticipated to encounter a water bearing zone in the Green River formation. A gas and water bearing zone is anticipated in the Wasatch and in the Mesaverde formations. The depths of these formations are listed in (2) above.
4. Proposed casing pattern:

0-250'	-	10 3/4" OD, 40.5#/ft., H-40, ST&C
0-800'	-	7 5/8" OD, 26.4#/ft., N-80, LT&C
800-1300'	-	7 5/8" OD, 26.4#/ft., K-55, LT&C
1300-4800'	-	7 5/8" OD, 26.4#/ft., K-55, ST&C
4800-6000'	-	7 5/8" OD, 26.4#/ft., N-80, LT&C
6000-8300'	-	7 5/8" OD, 29.7#/ft., N-80, LT&C
8100-9100'	-	4 1/2" OD, 11.6#/ft., K-55, ST&C
9100-TD	-	4 1/2" OD, 11.6#/ft., N-80, LT&C

(All casing mentioned above will be new.)

5. Specifications for pressure control:

Our minimum specification for pressure equipment will be 5000 lbs. (Schematic attached)

6. Proposed circulating medium:

Well will be drilled with air. If fluid entry into wellbore becomes such a problem as to require drilling fluid to lift cuttings, aerated water inhibited with 2% KCl will be used. It is anticipated that a salt saturated system will be needed at $\pm 6500'$. Mud weights will be maintained between 9.0-10.7 lbs. per gallon to T.D. (Sufficient mud will be mixed on location to fill hole volume plus excess of 200 bbls. and sufficient weight to control bottom hole pressures.)

7. Auxiliary equipment:

We will use kelly cocks, floats at the bit, monitoring equipment on the mud system (if needed), a sub on the floor with full opening valve, and a blooie line.

8. Testing, logging and coring:

As mentioned in the permit to drill, no cores or DST's are planned. A flare will be ignited under the blooie line when drilling below the top of the Green River to detect combustible quantities of gas. The following logs will be run over the specified intervals:

- A. Dual Induction with Gamma Ray from surface pipe to T.D.
- B. Formation Density, Compensated Neutron log, and Sonic log with Gamma Ray over selected zones in the Green River, Wasatch and Mesaverde formations. The Caliper will be run from T.D. to surface pipe.

9. Formation and completion interval:

Sand lens of the Mesaverde and Wasatch completion method: Perforate the casing

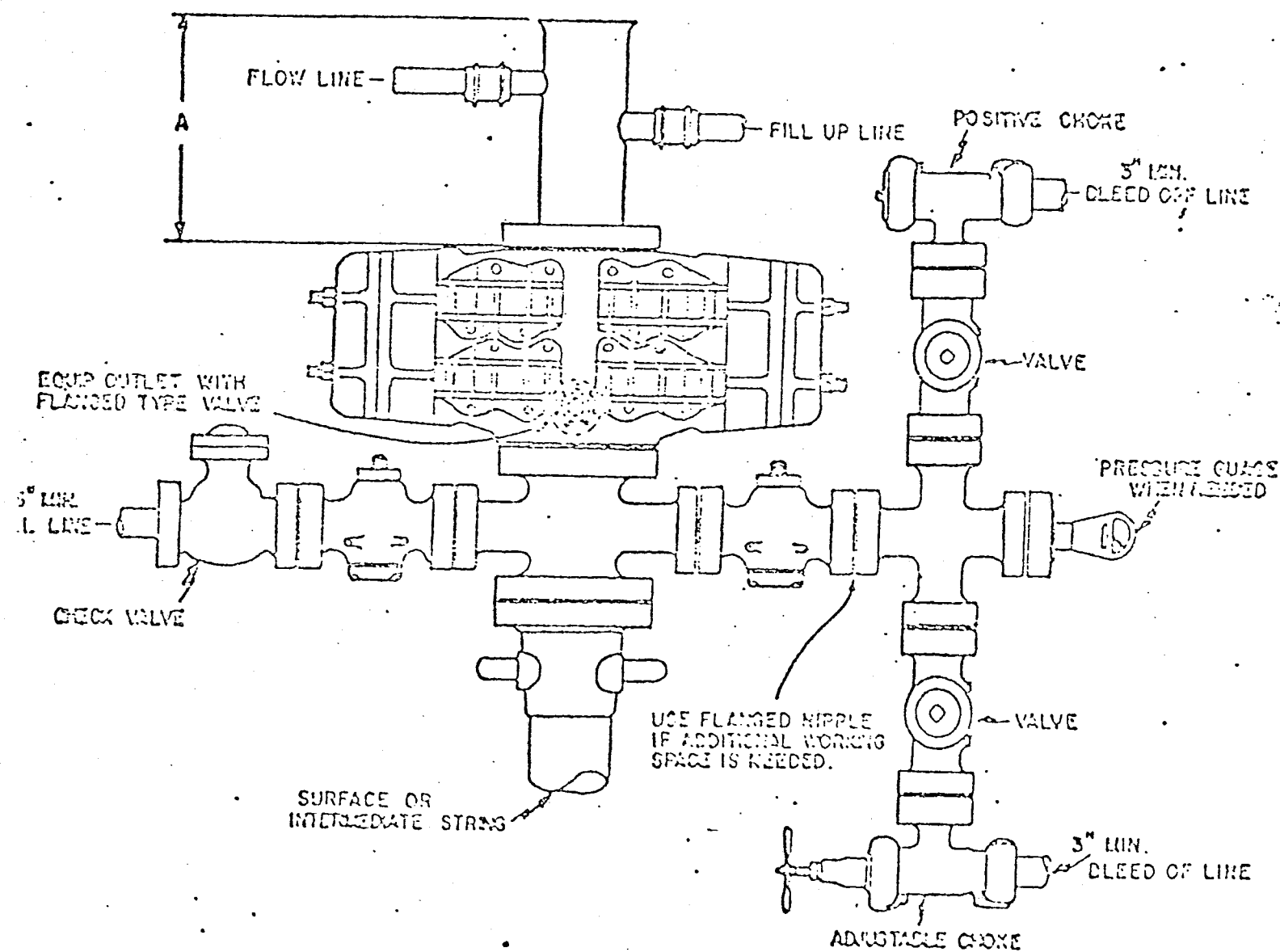
Sand Fracturing: 450,000 gallons gelled water, 800,000 pounds of sand, and 50 tons CO₂.

10. Abnormal pressures and temperatures:

We do not anticipate any abnormal pressures or temperatures. Rotating head will be used while drilling with air for control. BOP's will be used for control while drilling with mud. Mud weight will be increased, if necessary, to insure adequate control.

11. Starting date and duration:

We plan to spud the well on June 20, 1978, and expect drilling operations to last 57 days.



Conoco:

Minimum BOP Stack
 One Pipe Ram
 One Blind Ram

5000 psi Working Pressure

Manifold

5000 psi Working Pressure

Well Head

5000 psi Working Pressure



SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771
February 24, 1978

OIL, GAS, AND MINING BOARD

I. DANIEL STEWART
Chairman

CHARLES R. HENDERSON
JOHN L. BELL
THADIS W. BOX
C. RAY JUVELIN

Mr. Charles Tarr
Continental Oil Company
152 North Durbin
Casper, Wyoming 82601

Dear Mr. Tarr:

Relative to the hearing and subsequent Board Order in Cause #173-1, and 174-1, please be advised that the previously approved permits to drill on the following wells have been cancelled, due to non-conformity with the Board's orders:

- ✓ 1) Conoco - Mountain Lion 34-2
Sec. 34, T. 8S, R. 21E, Uintah County, Utah
API No. 43-047-30338
- 2) Conoco - Chapita Federal 13
Sec. 13, T. 9S, R. 23E, Uintah County, Utah
API No. 43-047-30299
- 3) Conoco - Chapita Federal 14-5
Sec. 14, T. 9S, R. 23E, Uintah County, Utah
API No. 43-047-30352
- 4) Conoco - Chapita Federal 15
Sec. 15, T. 9S, R. 23E, Uintah County, Utah
API No. 43-047-30298

Furthermore, the following wells are acceptable as originally permitted. However, if the locations are moved relative to Mr. E. W. Guynn's suggestions dated 2/15/78, they will then be contrary to the Board's order and as such, are summarily denied. The wells in question are:

- 1) Conoco - Chapita Federal 15-6
Sec. 15, T. 9S, R. 23E, Uintah County, Utah
API No. 43-047-30353

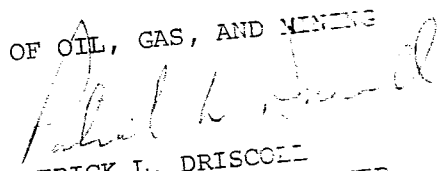
Continental Oil Company
page 2

- 2) Conoco - Chapita Federal 13-3
Sec. 13, T. 9S, R. 23E, Uintah County, Utah
API No. 43-047-30350

If there are any questions relative to the above, please do not hesitate to call.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING


PATRICK L. DRISCOLL
CHIEF PETROLEUM ENGINEER

PLD/ka

cc: U.S.G.S. - SLC
BLM - Vernal

April 18, 1978

Continental Oil Company
152 North Durbin
Casper, Wyoming 82601

Re: Well No. Conoco-Mountain Lion No. 24-2
Sec. 24, T. 8 S, R. 21 E,
Uintah County, Utah

Gentlemen:

Insofar as this Division is concerned, approval to drill the above referred to well is hereby granted in accordance with the Order issued in Cause No. 173-1.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PATRICK L. DRISCOLL - Chief Petroleum Engineer
HOME: 582-7247
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-30338.

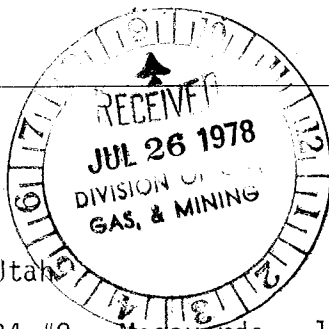
Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
Director

cc: U.S. Geological Survey

Alex M. Yarsa
Division Manager
Production Department



Continental Oil Company
152 North Durbin
Pacific Western Life Building
Casper, Wyoming 82601
(307) 234-7311

OURAY FIELD - Uintah Co., Utah

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000
Fed. Lse. 14-20-H62-3010 (AL) Location: NE SE Sec. 34, T8S, R21E - Drlg.
Foreman: Vaughn

7-15-78: Drilling in Wasatch at 7711', made 78'. 7 7/8" hole. Gel-Chem, wt. 9.5#; vis. 52; W.L. 8.0; chlorides 7000. Finished running in hole. Washed and reamed 90' to bottom. Drilling ahead.

7-16-78: Drilling in Wasatch at 7808', made 97'. 7 7/8" hole. Dev: 1 1/4 deg. at 7699'. Type Mud: Gel-Chem, wt. 9.3#; vis. 56; W.L. 7.4; chlorides 6400. Drilling and surveying to 7808'.

7-17-78: Drilling in Wasatch at 7925', made 117'. 7 7/8" hole. Type Mud: Gel-Chem, wt. 9.4#; vis. 61; W.L. 7.0; F.C. 2; pH 10.5; chlorides 5800; gel strength ini./10 min. 3 / 8; % oil 0; % solids 6; % sand tr.; % LCM 0; PV 26; Yp 12. Bit #8 in hole. 18 6 1/4" drill collars; WOB 35,000#; 60 RPM; drill pipe tool jts: 3 1/2" F-H; drill collar tool jts: 4 1/2" X-H. 5 1/2" x 16" pump; 60 SPM; 207 GPM; PP 1000#; ann. vel.: DC 220 & DP 110; jet vel. 170. BHA: bit, shock sub, 14 drill collars, jars, 4 drill collars, crossover, and drill pipe. Drilled to 7925'. Cum. mud cost \$26,550. Cactus 0/33 3/4/0.

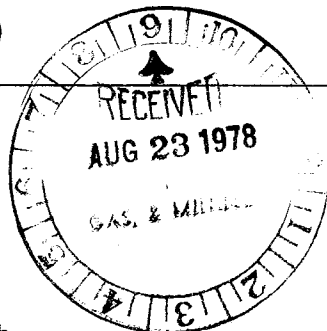
Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000
Fed. Lse. 14-20-H62-3010 (AL) Location: NE SE Sec. 34, T8S, R21E -
Drlg. Foreman: Vaughn

7-18-78: Drilling in Wasatch at 8002'. Made 77'. 7 7/8" hole. Drilled to 7959'. Tripped for bit. Washed 6' to bottom. Bit #8 - HTC J-33 - 7633' to 7959'. Bit #9 in hole. 18 6 1/4" drill collars; WOB 35,000#; 60 RPM; drill pipe tool jts.: 3 1/2" F-H; drill collar tool jts.: 4 1/2" X-H; 5 1/2" x 16" pump; 60 SPM; 207 GPM; PP 1000#; ann. vel. - 220 on drill collars and 110 on drill pipe; jet vel. 170; BHA - bit, shock sub, 14 drill collars, jars, 4 drill collars, crossover, and drill pipe. "Gel-Chem" - Wt. 9.3#; Vis. 70; WL 8.0 cc; FC 2/32; pH 10.5; gel strength ini./10 min. 3 / 9; 5% solids; trace of sand; chlorides 5600 ppm; PV 26; Yp 10. Cum. mud costs: \$27,408. Cactus 0 - 34 3/4 - 0.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000
Fed. Lse. 14-20-H62-3010 (AL) Location: NE SE Sec. 34, T8S, R21E -
Drlg. Foreman: Vaughn

7-19-78: Drilling at 8155'. Made 153'. 7 7/8" hole. Bit #9 in hole. WOB 35,000-40,000#; 55-60 RPM; drill pipe tool jts.: 3 1/2" F-H; drill collar tool jts.: 4 1/2" X-H; 5 1/2" x 16" pump; 60 SPM; 207 GPM; PP 1000#; ann. vel. 220 on drill collars and 110 on drill pipe; jet vel. 207; BHA = bit, shock sub, 14 drill collars, jars, 4 drill collars, cross-over and drill pipe. "Gel-Chem" - Wt. 9.5#; Vis. 72; WL 7.4 cc; FC 2/32; pH 10.5; gel strength ini./10 min. 3 / 8; 5% solids; trace of sand; chlorides 5000 ppm; PV 26; Yp 10. Cum. mud cost: \$28,309. Cactus 0 - 35 3/4 - 0.

Alex M. Yarsa
Division Manager
Production Department



Continental Oil Company
152 North Durbin
Pacific Western Life Building
Casper, Wyoming 82601
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OURAY FIELD - Uintah Co., Utah

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000
Fed. Lse. 14-20-H62-3010 (AL) - Location: NE SE Sec. 34, T8S, R21E

8-12-78: Washing and reaming. Depth 8980'. Original TD 8998'. Made 605'. 7 7/8" hole. "Gel-Chem" - Wt. 10.0#; Vis. 58; WL 7.2 cc; chlorides 3000 ppm. Bit #12 in hole. BHA - bit, shock sub, 13 drill collars, jars, 4 drill collars, keyseat wiper, and drill collars. Drlg. Foreman: Charley Gockel.

8-13-78: Pulling out of hole. Depth 9094'. Drld. 96' and reamed 18'. 7 7/8" hole. Finished reaming to 8998'. Drilled to 9094'. Circ. bottoms up. Pulled out of hole for new bit. Dragging 30,000# above string weight to 3900'. Bit #12 in hole. BHA - bit, shock sub, 13 drill collars, jars, 4 drill collars, keyseat wiper and drill pipe. "Gel-Chem" - Wt. 10.3#; Vis. 53; WL 7.4 cc; chlorides 3500 ppm. Drlg. Foreman: Gockel.

8-14-78: Drilling at 9150'. Drld. 56' and reamed 94'. 7 7/8" hole. Drilled to 9094'. Pulled out of hole for new bit. Ran in hole and reamed 94' to bottom. Bit #12 - STC F-45 - 3900' to 9094'. Bit #13 in hole. 17 6 1/4" drill collars; WOB 30,000#; 60 RPM. "Gel-Chem" - Wt. 10.0#; Vis. 57; WL 7.2 cc; FC 2/32; chlorides 3500 ppm. Drlg. Foreman: Gerry Gaukel.

8-15-78: Drilling at 9291'. Made 141'. 7 7/8" hole. Bit #13 in hole. 17 6 1/4" drill collars; WOB 30,000-35,000#; 60 RPM; 5 1/2" x 16" pump; 45 SPM; 203 GPM; PP 1200#; ann. vel. 214 on drill collars and 117 on drill pipe; jet vel. 193. BHA (8-14-78 and 8-15-78): bit, shock sub, 13 drill collars, jars, 4 drill collars, keyseat wiper, cross-over, and drill pipe. "Gel-Chem" - Wt. 10.0#; Vis. 60; WL 8.0 cc; FC 2/32; pH 11.0; gel strength ini./10 min. 2 / 7; 10% solids; 1/4 of 1% sand; chlorides 2800 ppm; PV 22; Yp 8. Cum. mud cost: \$67,321. Cactus 0 - 62 3/4 - 0. Gerry Gaukel.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000
Fed. Lse. 14-20-H62-3010 (AL) - Location: NE SE Sec. 34, T8S, R21E

8-16-78: Drilling shale at 9386'. Made 95'. 7 7/8" hole. Replaced clutch plates on rotary and drilled to 9386'. Gas: high - 150 units - 9335'; low - 40 units - 9275'. Background = 50 units. Bit #13 - STC F-45 - 9094' to 9386'. 17 6 1/4" drill collars; WOB 30,000-35,000#; 60 RPM; 5 1/2" x 16" pump; 45 SPM; 203 GPM; PP 1200#; ann. vel. - 214 on drill collars and 117 on drill pipe; jet vel. 193; BHA - bit, shock sub, 13 drill collars, jars, 4 drill collars, keyseat wiper, cross-over, and drill pipe. "Gel-Chem" - Wt. 10.2#; Vis. 55; WL 7 cc; FC 2/32; pH 11.0; gel strength ini./10 min. 2 / 7; 9% solids; 1/4 of 1% sand; chlorides 2800 ppm; PV 23; Yp 10. Cum. mud cost: \$68,385. Cactus 0 - 63 3/4 - 0.



Alex M. Yarsa
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Production Department

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OURAY FIELD - Uintah Co., Utah

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000
Fed. Lse. 14-20-H62-3010 (AL) - Location: NE SE Sec. 34, T8S, R21E

8-5-78: Reaming at 8998'. 7 7/8" hole. Washed and reamed 400'. Bad washouts and sloughing shale to 4640'. "Gel-Chem" - Wt. 10.2#; Vis. 57.

8-6-78: Washing and reaming. Depth 8998'. 7 7/8" hole. Reamed - 930' to 5550'. Bit #11 - STC F-45 - washed and reamed 1300'. "Gel-Chem" Wt. 10.3#; Vis. 58; WL 7.2 cc; chlorides 2800 ppm.

8-7-78: Reaming. Depth 8998'. Reamed to 5628'. Pulled out of hole with bit #11. Worked tight hole. Pulled 100,000# over string weight. Pulled free. Finished pulling out of hole. Laid down 3-pt. reamer. Ran in hole with bit #12 to 3900'. Washed and reamed thru bridges to 4078'. "Gel-Chem" Wt. 10.2#; Vis. 58; WL 8 cc; chlorides 3000 ppm. BHA - bit, shock sub, 13 drill collars, drlg. jars, 4 drill collars, keyseat wiper, cross-over, and drill pipe.

8-8-78: Reaming and washing at 5300'. TD 8998'. 7 7/8" hole. Washed and reamed 1300' to 5300'. Bit #12 - Smith F-45 - reaming and washing. 17 6 1/4" drill collars; WOB 10,000-20,000#; 60 RPM; 5" x 16" pump; 54 SPM; 244 GPM; PP 1300#; ann. vel. - 256 on drill collars and 141 on drill pipe; jet vel. 219; BHA - same as 8-7-78. "Gel-Chem" - Wt. 10.2#; Vis. 53; WL 7.2 cc; FC 2/32; pH 12; gel strength ini./10 l / 6; 7% solids; 1/4 of 1% sand; chlorides 3000 ppm; PV 26; Yp 1. Cum. mud cost: \$57,102. Cactus 0 - 55 3/4 - 0.

8-9-78: Reaming and washing. Depth 5810'. Bit #12 reaming and washing. 17 6 1/4" drill collars; WOB 20,000#; 60 RPM; 5 1/2" x 16" pump; 52 SPM; PP 1100#. "Gel-Chem" - Wt. 10.2#; Vis. 56; WL 7.6 cc; FC 2/32; pH 12; gel strength ini./10 min. 2 / 3; 9% solids; 1/2 of 1% sand; chlorides 3000 ppm; PV 29; Yp 9. Cum. mud cost: \$58,454. Drlg. Foreman: Gockel. Cactus 0 - 56 3/4 - 0.

8-10-78: Washing and reaming. Depth 7200'. Reamed 1390'. 7 7/8" hole. Washed and reamed to 6500'. Lost 60 bbls. mud. Max. gas 2000 unit at 6000'. Bit #12 in hole. 17 6 1/4" drill collars; WOB 20,000#; 60 RPM; 5 1/2" x 16" pump; 50 SPM; 232 GPM; PP 1200#; ann. vel. - 120 on drill pipe; jet vel. 210. "Gel-Chem" - Wt. 10.0#; Vis. 58; WL 7.2 cc; FC 2/32; pH 10.5; gel strength ini./10 min. 2 / 7; 9% solids; 1/2 of 1% sand; chlorides 5000 ppm; PV 30; Yp 6. Cum. mud cost: \$60,770. Cactus 0 - 57 3/4 - 0. Drlg. Foreman: Gockel.

8-11-78: Washing and reaming. Depth 8375'. Made 1175'. 7 7/8" hole. Bit #12 washing and reaming. 17 6 1/4" drill collars; WOB 20,000#; 60 RPM; 5 1/2" x 16" pump; 50 SPM; 232 GPM; PP 1200#; ann. vel. - 120 on drill pipe; jet vel. 210. "Gel-Chem" - Wt. 10.2#; Vis. 62; WL 7.2 cc; FC 2/32; pH 10.5; gel strength ini./10 min. 2 / 8; 10% solids; 1/2 of 1% sand; chlorides 3000 ppm; PV 32; Yp 6. Cum. mud cost: \$62,023. Cactus 0 - 58 3/4 - 0. Drlg. Foreman: Gockel.



Alex M. Yarsa
Division Manager
Production Department

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Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000
Fed. Lse. 14-20-H62-3010 (AL) Location: NE SE Sec. 34, T8S, R21E
Drlg. Foreman: Gaukel

7-28-78: Waiting on orders. Depth 8998'. 7 7/8" hole. Pulled out of hole. Waited on 8 1/8" O.D. RTTS packer. Set packer at 500'. Pressure tested to 1200 psi. No leak off. Set packer at 960'. Press. tested to 1100 psi. No leak off. Packer would not go thru DV tool at 980'. Drilled out with 7 7/8" bit. Pulled out of hole. Waited on Schlumberger. Rigged up Schlumberger. Ran CBL. Found free pipe to 150' KB; poor bond 150' to 720'; good bond 720' to 1230'; poor bond 1230' to 1530'; good bond 1530' to 3520' (casing shoe). Rigged down Schlumberger. Cactus 0 - 44 3/4 - 0.



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Division Manager
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Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000
Fed. Lse. 14-20-H62-3010 (AL) Location: NE SE Sec. 34, T8S, R21E
Drlg. Foreman: Gaukel

7-25-78: Drilling in Mesaverde at 8935'. Made 164'. 7 7/8" hole. Bit #10 in hole. 17 6 1/4" drill collars; WOB 40,000#; 60 RPM; drill collar tool jts.: 4 1/2" X-H; 5 1/2" x 16" pump; 47 SPM; 175 GPM; PP 1300#; ann. vel. - 192 on drill collars and 106 on drill pipe; jet vel. 148; BHA - bit, s. sub, 13 drill collars, jars, 4 drill collars, cross-over, and drill pipe. "Gel-Chem" Wt. 9.8#; Vis. 43; WL 10 cc; FC 2/32; pH 10.5; gel strength ini./10 min. 1 / 4; 6% solids; 1/4 of 1% sand; chlorides 2800 ppm; PV 16; Yp 2. Cum. mud cost: \$34,810. Cactus 0 - 41 3/4 - 0.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000
Fed. Lse. 14-20-H62-3010 (AL) Location: NE SE Sec. 34, T8S, R21E
Drlg. Foreman: Gaukel

7-26-78: Running in hole with bit #11. Depth 8998'. Drld. 63'. 7 7/8" hole. Drilled to 8998'. Hole torquing. Pulled out of hole. Repaired rig. Survey: 1 3/4° at 8968'. Bit #10 - STC F-3 - 8464' to 8998'. Bit #11 in hole. 17 6 1/4" drill collars; WOB 35,000-40,000#; 55-60 RPM; drill pipe tool jts.: 4" F-H; drill collar tool jts.: 4 1/2" XF; 5 1/2" x 16" pump; 47 SPM; 175 GPM; PP 1300#; ann. vel. - 192 on drill collars and 106 on drill pipe; jet vel. 148; BHA - bit, s. sub, 13 drill collars, jars, 4 drill collars, cross-over, and drill pipe. "Gel-Chem" - Wt. 9.9#; Vis. 43; WL 9.0 cc; FC 2/32; pH 10.5; gel strength ini./10 min. 2 / 5; 7% solids; 1/4 of 1% sand; chlorides 2900 ppm; PV 17; Yp 2. Cum. mud cost: \$36,611. Cactus 0 - 42 3/4 - 0.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000
Fed. Lse. 14-20-H62-3010 (AL) Location: NE SE Sec. 34, T8S, R21E
Drlg. Foreman: Gaukel

7-27-78: Pulling out of hole to pick up packer to locate leak in casing. Depth 8998'. 7 7/8" hole. Finished running in hole. Found leak on outside of surface casing. Circ. and built mud wt. up to 10.2#/gal. Bit #11 in hole. 17 6 1/4" drill collars; 5 1/2" x 16" pump; 59 SPM; 219 GPM; PP 1500#; ann. vel. 235 on drill collars and 129 on drill pipe; jet vel. 190; BHA - bit, shock sub, 13 drill collars, d. jars, 4 drill collars, cross-over, drill pipe, 3-pt. reamer at 4150'; ket seat wiper at 4160'. "Gel-Chem" - Wt. 10.2#; Vis. 48; WL 8 cc; FC 2/32; pH 10.5; gel strength ini./10 min. 2 / 6; 8% solids; 1/4 of 1% sand; chlorides 4000 ppm; PV 19; Yp 4. Cum. mud cost: \$40,359. Cactus 0 - 43 3/4 - 0.



Alex M. Yarsa
Division Manager
Production Department

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152 North Durbin
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Casper, Wyoming 82601
(307) 234-7311

OURAY FIELD - Uintah Co., Utah

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000
Fed. Lse. 14-20-H62-3010 (AL) Location: NE SE Sec. 34, T8S, R21E
Drlg. Foreman: Gaukel

7-20-78: Drilling at 8284'. Made 129'. 7 7/8" hole. Bit #9 in hole.
18 6 1/2" drill collars; WOB 35,000-40,000#; 60 RPM; drill pipe tool jts.
3 1/2" F-H; drill collar tool jts.: 4 1/2" X-H; 5 1/2" x 16" pump; 60 SPM; 207
GPM; PP 1000#; ann. vel - 220 on drill collars and 110 on drill pipe;
jet vel. 207; BHA - bit, shock sub, 14 drill collars, jars, 4 drill
collars, cross-over and drill pipe. "Gel-Chem" - Wt. 9.5#; Vis. 75; WL
8.0 cc; FC 2/32; pH 10.5; gel strength ini./10 min. 3 / 10; 5% solids;
trace of sand; chlorides 4600 ppm; PV 28; Yp 10. Cum. mud cost: \$29,215.
Cactus 0 - 36 3/4 - 0.

OURAY FIELD - Uintah Co., Utah

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000
Fed. Lse. 14-20-H62-3010 (AL) Location: NE SE Sec. 34, T8S, R21E
Drlg. Foreman: Gaukel

7-21-78: Drilling at 8423'. Made 139'. 7 7/8" hole. Bit #9 in hole.
18 6 1/4" drill collars; WOB 35,000-40,000#; 60 RPM; drill pipe tool jts.
3 1/2" F-H; drill collar tool jts.: 4 1/2" X-H; 5 1/2" x 16" pump; 55 SPM; 180 GPM;
PP 1100#; ann. vel. - 192 on drill collars and 116 on drill pipe; jet vel.
148. Drlg. with Gel-Chem - Wt. 9.6#; Vis: 43; WL 8 cc; FC 2/32; pH 10.5;
gel strength ini./10 min. 2 / 6; 4% solids; trace of sand; chlorides 4000
ppm; PV 14; Yp 8. Cum. mud cost: \$30,584. Cactus 0 - 37 3/4 - 0.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000
Fed. Lse. 14-20-H62-3010 (AL) Location: NE SE Sec. 34, T8S, R21E
Drlg. Foreman: Gaukel

7-22-78: Tripping in hole in Mesaverde at 8464'. Made 41'. 7 7/8" hole.
Bit #9 - STC F-3 - 7959' to 8464'. Bit #10 in hole. "Gel-Chem" - Wt. 9.7#;
Vis. 42; WL 7.8 cc; chlorides 3800 ppm.

7-23-78: Drilling at 8620'. Drld. 156' and reamed 60'. Bit #10 in hole.
Drlg. breaks - 8536' and 8560'. "Gel-Chem" - Wt. 9.8#; Vis. 42; WL 7.6 cc;
chlorides 3600 ppm.

7-24-78: Drilling in Mesaverde at 8771'. Made 151'. 7 7/8" hole. Bit #10
in hole. 17 6 1/4" drill collars; WOB 40,000#; 60 RPM; drill collar tool jts.:
4 1/2" X-H; 5 1/2" x 16" pump; 59 SPM; 219 GPM; PP 1200#; ann. vel. - 235 on drill
collars and 129 on drill pipe; jet vel. 181; BHA - bit, s. sub, 13 drill
collars, jars, 4 drill collars, cross-over, and drill pipe. "Gel-Chem" -
Wt. 9.9#; Vis. 45; WL 7.4 cc; FC 2/32; pH 10.5; gel strength ini./10 min.
2 / 6; 5% solids; trace of sand; chlorides 3400 ppm; PV 16; Yp 10. Cum.
mud cost: \$33,881. Cactus 0 - 40 3/4 - 0.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other ☐
2. NAME OF OPERATOR
Continental Oil Company
3. ADDRESS OF OPERATOR
152 N. Durbin, Casper, WY 82601
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1871' FSL, 1302' FEL (NESE)
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

SUBSEQUENT REPORT OF:

(other) Modify Plans For Flow Line

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: Sept 25, 1978

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details. Give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

In accordance with No. 4-B of the NTL-6 Guidelines, the following information is supplied:

Conoco will lay a flow line, consisting of approximately 2.82 miles of 2", Schedule 40, PE line pipe, from the subject well to an existing 8" gathering line belonging to Mountain Fuel, Inc. (See Exhibit "A") The original plan called for laying the line along the existing road as shown by the broken black line on Exhibit "A". The new plan calls for laying the line along an existing seismograph road as shown by the broken red line on Exhibit "A". This plan has been discussed between your office and Mr. Leo Jorgenson of Mountain Fuel.

Subsurface Safety Valve: Manu. and Type _____

Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED T.C. Thompson

TITLE Administrative Supervisor

DATE September 19, 1978

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

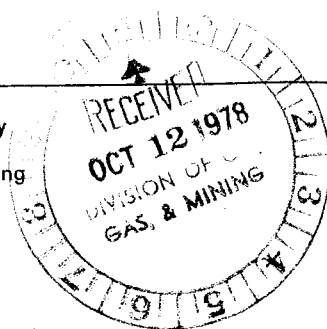
DATE _____

USGS(3) ~~UDOGM~~(2) File*



Alex M. Yarsa
Division Manager
Production Department

Continental Oil Company
152 North Durbin
Pacific Western Life Building
Casper, Wyoming 82601
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OURAY FIELD - Uintah Co., Utah

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000 - Drlg.
Foreman: Vaughn - Fed. Lse. No. 14-20-H62-3010(AL) - Location: NE SE Sec. 34, T8S, R21E

9-2-78: MORT. TD 10,227' - Mesaverde. 7 7/8" hole. Ran 255 jts. 5 1/2", 17#, K-55 and N-80, LT&C and buttress casing with guide shoe, diff. fill float collar 1 jt. above shoe, stage collars at 6948' and 4698', 4 cement baskets, and 50 centralizers. Landed at 10,215' KB. Rigged down casing crew and rigged up B-J. Pumped 16 bbls. "Mud Sweep" and cemented first stage with 963 sacks Class "G" containing .2% R-5, 1% D-19, 18% salt, .5% D-31, and .2% D-6. PD 9:45 a.m. Dropped bomb and opened second stage ports. Circ. hole with mud for 2 hrs. Pumped 14 bbls. "Mud Sweep." Cemented second stage with 783 sacks Class "G" containing .1% R-5, 1% D-19, 18% salt, .5% D-31, and .2% D-6. PD 2:30 p.m. Dropped bomb and opened third stage port. Circ. hole for 1 hr. Pumped 14 bbls. "Mud Sweep." Cemented third stage with 911 sacks 50-50 Poz containing 4% gel and 10% salt. Good returns throughout. PD 6:00 p.m. Nippled down BOP, cut off casing, and cleaned mud tanks. Rig released at 4 a.m. 9-2-78. Cactus 0 - 79 3/4 - 0.

NOTE: DV tool was not closed on third stage as plug did not leave surface until 8 bbls. water was pumped. Displacement of plug was 8 bbls. short to leave cement around DV tool at 4698'.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000 -
Fed. Lse. No. 14-20-H62-3010 (AL) - Location: NE SE Sec. 34, T8S, R21E

TD 10,227'. 9-5-78: Waiting on completion unit.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000 -
Fed. Lse. No. 14-20-H62-3010 (AL) - Location: NE SE Sec. 34, T8S, R21E

TD 10,227'. 9-6-78: Waiting on completion unit.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000
Fed. Lse. No. 14-20-H62-3010 (AL) - Location: NE SE Sec. 34, T8S, R21E

TD 10,227'. 9-7-78: Waiting on completion unit. Drop from report pending further activity.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000
Fed. Lse. 14-20-H62-3010 (AL) Location: NE SE Sec. 34, T8S, R21E

TD 10,227'. Dropped from report 9-7-78. Waiting on completion unit.

10-3-78: Moved in and rigged up. Moved in circ. equipment and flat tank. Filled flat tank. Moved in tubing. Picked up and ran 4 3/4" and 2 7/8" tubing. Ran to 4092' and stacked out. Collar at 4698'. Picked up power swivel. Prep. to clean out.



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f

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000 - Drlg.
Foreman: Vaughn. Fed. Lse. #14-20-H62-3010 (AL) - Location: NE SE Sec.
34, T8S, R21E

8-30-78: Logging. Depth 10,250', PBTD 10,210' - Mesaverde. 7 7/8" hole. Drilling with Gel-Chem, wt. 11.2#; vis. 51; W.L. 7; F.C. 2/32; chlorides 2800; pH 11; gel strength ini./10 min. 3 / 9; % oil 2; % solids 20; % sand tr.; % LCM 0; PV 24; Yp 7. McCullough found free-point at 10,268', top of shock sub. Worked torque into drill string and backed off at 10,238'. Left bit shock-sub and one 6 1/4" drill collar in hole. Rigged down McCullough and chained out of hole. SLM 10,210' to top of fish. Rigged up Schlumberger and ran Dual Ind.-GR from TD to 210' (1st run). Ran FDC-GR-Caliper (2nd run). Loggers TD at 10,227'. Cum. mud cost \$98,536. Cactus 0/76-3/4-0.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000 - Drlg.
Foreman: Vaughn. Fed. Lse. #14-20-H62-3010 (AL) - Location: NE SE Sec.
34, T8S, R21E

8-31-78: Circulating and conditioning. Depth 10,250' Mesaverde; PBTD 10,210'. 7 7/8" hole. Drilling with Gel-Chem, wt. 11.0#; vis. 55; W.L. 6.5; F.C. 2/32; chlorides 2800; pH 10.5; gel strength ini./10 min. 2 / 7; % oil 2; % solids 21; % sand 1/2; % LCM 0; PV 26; Yp 7. Bit #16 in hole. 16 6 1/4" drill collars 5 1/2" x 16" pump; 42 SPM; 185 GPM; PP 700#; ann. vel.: DC 196 & DP 107; jet vel. 177. BHA: bit, 16 drill collars, crossover, and drill pipe. Ran FDC-CNL-Cal. from 3500' to TD; sonic from TD to 5000'. Logger's TD 10,227'. Log Tops: Wasatch 5154' and Mesaverde 8044'. Rigged down Schlumberger. Ran in hole and conditioned. Riggging up to lay down drill pipe. Cum. mud cost \$98,536. Cactus 0/77-3/4/0.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000 - Drlg.
Foreman: Vaughn. Fed. Lse. #14-20-H62-3010 (AL) - Location: NE SE Sec.
34, T8S, R21E

9-1-78: Running casing. Depth 10,250' Mesaverde; PBTD 10,210'. 7 7/8" hole. Circulated 1/2 hr. Rigged up L-D machine and pulled out of hole. Laid down drill pipe and drill collar. Rigged up casing crew and running 5 1/2" casing. Now installing swedge to circulate and touch TD. Cactus 0/78-3/4/0.
Cum. mud cost: \$98,536.



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P

OURAY FIELD - Uintah Co., Utah

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000 - Drlg.
Foreman: Vaughn. Fed. Lse. #14-20-H62-3010 (AL) - Location: NE SE Sec.
34, T8S, R21E

8-26-78: Nippling down and WOC. Depth 3000', PBTB 2953'. 7 7/8" hole. Drilling with Gel-Chem, wt. 10.2; vis. 53, W.L. 5.2; F.C. 2; chlorides 400. Drilled to 3000'. POOH. Laid down drill pipe and drill collar. Rigged up and ran 69 jts. 5 1/2", 15.5#, K-55 at 2993' with guide shoe and 1 differential fill collar. Cemented with 260 sacks 50-50 Poz., 10% salt and 2% gel. Gailed with 100 sacks Class "G", 18% salt. Plug down 3:45 a.m. 8-26-78. Float held okay. Good circulation throughout job.

8-27-78: Working stuck pipe. Depth 10,241'. 7 7/8" hole. Drilling with Gel-Chem, wt. 11.1#; vis. 51; W.L. 6.0; F.C. 2; chlorides 3000. Finished reaming to bottom. Drilled 1', torqueing badly. Circulated and conditioned. Raised mud wt. to trip. Pulled up 20', could not move pipe any higher. Could still circulate. Worked stuck pipe.

8-28-78: Circulating to backoff. Depth 10,242'. 7 7/8" hole. Drilling with Gel-Chem, wt. 11.2#; vis. 48; W.L. 6.2; F.C. 2/32; chlorides 2200; pH 10.5; gel strength ini./10 min. 2 / 6; % oil 0; % solids 18; % sand tr.; PV 23; Yp 7. 17 6 1/4" drill collars. 5 1/2" x 16" pump; 33 SPM; 145 GPM; PP 1000#; ann. vel.: DC 154 & DP 84; jet vel. 139. BHA: bit, shock sub, 13 drill collars, Johnson jar, 4 drill collars, key seat wipers, crossover, and drill collar. Circulated hole while waiting on diesel. Rigged up Dowell and spotted 2000 gal. diesel plus 47 gal. of Release over drill collar at low rate. Allowed to soak and moved drill pipe. Circulated out diesel. Preparing to backoff. Cum. mud cost \$95,754. Cactus 0/75 3/4/0.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000 - Drlg.
Foreman: Vaughn. Fed. Lse. #14-20 H62-3010 (AL) - Location: NE SE Sec.
34, T8S, R21E

8-29-78: Running free-point. Depth 10,242' Mesaverde. 7 7/8" hole. Drilling with Gel-Chem, wt. 11.1#; vis. 47; W.L. 6.2; F.C. 2/32; chlorides 2200; pH 10.5; gel strength ini./10 min. 2 / 5; % oil 0; % solids 20; % sand tr.; % LCM 0; PV 23; Yp 6. 17 6 1/4" drill collars. 5 1/2" x 16" pump; 42 SPM; 185 GPM; PP 1000#; ann. vel.: DC 196 & DP 107; jet vel. 177. Circulated diesel out of hole. Rigged up GO International and removed goose neck from top of swivel. Attempted to run free-point. Had four tool failures. Rigged down GO and rigged up McCullough. Attempted to run free-point, hole sticking - not able to get reading. Hooked up goose neck and circulated for two hours. Removed goose neck and running free-point. Drill pipe free to top of Johnson drilling jars at 9816'. Now checking drill collars. Cum. mud cost \$97,809. Cactus 0/76-3/4/0.



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P

OURAY FIELD - Uintah Co., Utah

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000 - Drlg.
Foreman: Vaughn. Fed. Lse. #14-20-H62-3010 (AL) - Location: NE SE Sec. 34,
T8S, R21E

8-22-78: Drilling at 10,053', made 90'. 7 7/8" hole. Max. gas: 2700 units at 9990'. Average background gas - 2000 units. Low gas - 500 unit. Drilling with Gel-Chem, wt. 10.6#; vis. 45; W.L. 7.0; F.C. 2; pH 11.0; chlorides 3800; gel strength ini./10 min. 2 / 7; % solids 11; % sand tr.; PV 28; Yp 6. Bit #14 in hole. 17 6 1/4" drill collars; WOB 35,000#; RPM 60. 5 1/2" x 16" pump; 58 SPM; 260 GPM; PP 1200#; ann. vel.: DC 276 & DP 151; jet vel. 249. BHA: bit, shock sub, 13 drill collars, jars, 4 drill collars, keyseat wiper, crossover, and drill pipe. Cum. mud cost \$77,625. Cactus 0/69 3/4/0.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720 - Conoco 1.0000000 - Drlg.
Foreman: Vaughn. Fed. Lse. #14-20-H62-3010 (AL) - Location: NE SE Sec. 34,
T8S, R21E

8-23-78: Drilling at 10,153', made 100'. 7 7/8" hole. Drilling with Gel-Chem, wt. 10.8#; vis. 58; W.L. 7.0; F.C. 2; pH 10.5; chlorides 3000; gel strength ini./10 min. 2 / 6; % solids 12; % sand tr.; PV 30; Yp 8. Bit #14 STC in hole. 17 6 1/4" drill collars; WOB 35,000#; 60 RPM. 5 1/2" x 16" pump; 52 SPM; 233 GPM; PP 1200#; ann. vel.: DC 247 & DP 135; jet vel. 223. Background gas - 700 units; max. gas - 2500 units at 10,070'; low gas - 600 units. Cum. mud cost \$79,108. Cactus 0/70 3/4/0.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000 - Drlg.
Foreman: Vaughn. Fed. Lse. #14-20-H62-3010 (AL) - Location: NE SE Sec.
34, T8S, R21E

8-24-78: Circulated and built weight to trip. Depth 10,241'. Made 88'. 7 7/8" hole. Drilling with Gel-Chem, wt. 10.9#; vis. 52; W.L. 7.2; F.C. 2; chlorides 3100; pH 10.5; gel strength ini./10 min. 2 / 7; % solids 15; % sand 1/4; PV 31; Yp 6. Bit #14 in hole. 17 6 1/4" drill collars; WOB 35,000#; 60 RPM; 5 1/2" x 16" pump; 52 SPM; 233 GPM; PP 1200#; ann. vel.: DC 247 & DP 135; jet vel. 223. BHA: bit, shock sub, 13 drill collars, jars, 4 drill collars, keyseat wiper, crossover, and drill pipe. Background gas - 1500 units. Low gas - 200 units. Max. gas - 2600 units at 10,168'. Drilled to 10,241'. Background gas now 300 units. Cum. mud cost \$79,108. Cactus 0/71 3/4/0.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000 - Drlg.
Foreman: Vaughn. Fed. Lse. #14-20-H62-3010 (AL) - Location: NE SE Sec.
34, T8S, R21E

8-25-78: Tripped in hole. Depth 10,241', 7 7/8" hole. Circulated and built mud weight to 11.1#. Background gas - 200 units. POOH. Repaired rig. Picked up BHA and tripped in hole. Drilling with Gel-Chem, wt. 11.1#; vis. 50. Bit #15 STC in hole. 17 6 1/4" drill collars. 5 1/2" x 16" pump. BHA: bit, s. sub, 13 drill collars, D jars, 4 drill collars, K.S.W., crossover, and drill pipe. Cum. mud cost \$74,902. Cactus 0/72 3/4/0.



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OURAY FIELD - Uintah Co., Utah

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000
Fed. Lse. 14-20-H62-3010 (AL) - location: NE SE Sec. 34, T8S, R21E

8-17-78: Drilling sand and shale at 9536'. Made 150'. 7 7/8" hole. Gas: high - 250 units at 9406'; low - 30 units at 9416'. Background = 100 units. Bit #13 in hole. 17 6 1/4" drill collars; WOB 30,000-35,000#; 60 RPM; 5 1/2" x 15" pump; 42 SPM; 181 GPM; PP 1100#; ann. vel. - 192 on drill collars and 106 on drill pipe; jet vel. 194; BHA - bit, shock sub, 13 drill collars, jars, 4 drill collars, keyseat wiper, cross-over, and drill pipe. Drlg. with gel-water - Wt. 10.1#; Vis. 52; WL 8.0 cc; FC 2/32; pH 11.0; gel strength ini./10 min. 2.5 / 9; 9% solids; 1/4 of 1% sand; chlorides 2800 ppm; PV 19; Yp 5. Cum. mud costs: \$68,975. Cactus 0 - 64 3/4 - 0.

8-18-78: Drilling at 9649'. Made 113'. 7 7/8" hole. Gas: high = 200 units at 9630'; low - 50 units at 9582'. Background gas = 80 units. Bit #13 in hole. 17 6 1/4" drill collars; WOB 30,000-35,000#; 60 RPM; 5 1/2" x 15" pump; 46 SPM; 197 GPM; PP 1400#; ann. vel. - 214 on drill collars and 117 on drill pipe; jet vel. 193; BHA - bit, shock sub, 13 drill collars, jars, 4 drill collars, keyseat wiper, cross-over and drill pipe. "Gel-Chem" - Wt. 10.1#; Vis. 51; WL 8 cc; FC 2/32; pH 11; gel strength ini./10 min. 2 / 6; 9% solids; 1/4 of 1% sand; chlorides 2800 ppm; PV 21; Yp 5. Cum. mud cost: \$70,010. Drlg. Foreman: Gaukel. Cactus 0 - 65 3/4 - 0.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000 - Drlg. Foreman: Vaughn
Fed. Lse. 14-20-H62-3010 (AL) - Location: NE SE Sec. 34, T8S, R21E

8-19-78: Drilled to 9686'. 7 7/8" hole. Dev: 1 deg. at 9442'. Drilling with Gel-Chem, wt. 10.1#; vis. 62; W.L. 8.0; F.C. 2; chlorides 2900. Gas: Background - 125 units; low - 100 units; trip gas - 1800 units; while drilling - 190 units.

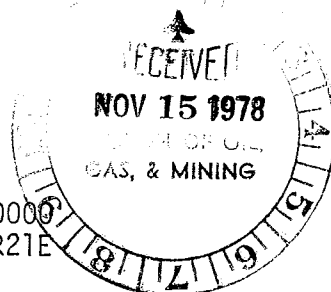
8-20-78: Drilled to 9846', made 160'. Drilling with Gel-Chem, wt. 10.0#; vis. 56; W.L. 8.0; F.C. 2; chlorides 2900. Gas: 1500 units at 9792'. While drilling - 150 units; low gas - 80 units.

8-21-78: Drilled to 9963', made 117'. 7 7/8" hole. Drilling with Gel-Chem, wt. 10.2#; vis. 57; W.L. 6.0; F.C. 2; chlorides 3400; pH 10.5; gel strength ini./10 min. 3 / 8; % solids 9; % sand 1/4; PV 29; Yp 7. Bit #14 in hole. 17 6 1/4" drill collars; WOB 35,000#; 60 RPM. 5 1/2" x 16" pump; 58 SPM; 260 GPM; PP 1200#; ann. vel.: DC 276 and DP 151; jet vel. 249; BHA: bit, shock sub, 13 drill collars, jars, 4 drill collars, keyseat wiper, crossover, and drill pipe. 2100 units gas at 9868'. Background gas = 1900 units; low gas - 160 units. Cum. mud cost \$70,421. Cactus 0/68 3/4/0.



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Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000
Fed. Lse. 14-20-H62-3010 (AL) Location: NE SE Sec. 34, T8S, R21E

TD 10,227'. 10-31-78: Singled down 3½" tubing. Laid down packer. Moved in 2 1/16" O.D. tubing to rack. Tallied and singled in 175 jts. 2 1/16" tubing. SDON.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000
Fed. Lse. 14-20-H62-3010 (AL) Location: NE SE Sec. 34, T8S, R21E

TD 10,227'. 11-1-78: Finished running 2 1/16" O.D. tubing. Well tried to kick while running tubing. Tagged sand fillup at 9826'; 114' of fill. Hooked up circ. equipment. Cleaned out to 9920'. SDON.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720'
Fed. Lse. 14-20-H62-3010 (AL) Location: NE SE Sec. 34, T8S, R21E

TD 10,227'. 11-2-78: Circ. hole to PBTD 10,094'. Pulled and laid down 5 jts. tubing. Landed 305 jts. 2 1/16" N-80 IJ tubing open ended at 9932'. Flanged up wellhead. Laid line to pit. Flowing well to pit.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720'
Fed. Lse. 14-20-H62-3010 (AL) Location: NE SE Sec. 34, T8S, R21E

TD 10,227'. 11-3-78: At 7:30 a.m., TP 0#, slight blow on casing. Rigged up swab and ran to 1100'. Hit bridge. Rigged down swab and wellhead. Pulled 14 stands tubing. Found bridge of rubber ball sealers. Laid down 3 jts. Ran back 25 jts. Tubing landed open-ended at 9848' RB with 302 jts. in hole. Rigged up and swabbed 10 BLW. CP 200#; tubing open to pit. SDON.

11-4-78: At 7:30 a.m., TP 0#, CP 850#. Rigged up swab. Ran in and found FL at 500'. Swabbed to 2000' by 5:00 p.m. Swabbed 50 BLW. CP 750#, tubing open to pit. SDON.

11-5-78: Shut down on Sunday.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720'
Fed. Lse. 14-20-H62-3010 (AL) Location: NE SE Sec. 34, T8S, R21E

TD 10,227'. 11-6-78: At 7:30 a.m. CP 825#, tubing - weak gas blow. Ran in with swab. Found FL at 300'. Swabbed well for 8 hrs. Made 100 BLW. Could not get drawdown below 1700'. Had to wait 10-15 min. between runs. Unable to get swab down because of gas blow. CP at end of day 675#. Left tubing open to pit. SDON.



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Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000
Fed. Lse. 14-20-H62-3010 (AL) Location: NE SE Sec. 34, T8S, R21E

TD 10,227'. 10-24-78: Installed choke. Laid line to flat tank. Opened well to tank at rate of 20 B/H. Flowed 228 BLW in 10 hrs. No sand or gas shows. 7414 BL to recover.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000
Fed. Lse. 14-20-H62-3010 (AL) Location: NE SE Sec. 34, T8S, R21E

TD 10,227'. 10-25-78: Flowing well to frac tanks. Flowing at 30 BWP. Wellhead press. 1900#. Made 562 BLW. Total recovered = 790 bbls. 6852 BL to recover. Flowing well with no sand or gas shows.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000
Fed. Lse. 14-20-H62-3010 (AL) Location: NE SE Sec. 34, T8S, R21E

TD 10,227'. 10-26-78: Flowed frac fluid to tanks at 40 B/H. Wellhead press. 1700-1800#. Changed flowing rate to 50 B/H at 2 p.m. Wellhead press. at 5 p.m. 1300#. Cum. LW recovered = 1742 bbls. 5900 BLW to recover. No show of gas or sand in frac fluid.



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Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000
Fed. Lse. 14-20-H62-3010 (AL) Location: NE SE Sec. 34, T8S, R21E

TD 10,227'. 10-23-78: Tallied and singled in 158 jts. 3½" tubing. Rigged up Dowell. Displaced tubing with 42 bbls. of pad fluid. Set Model "R" packer at 4805'. Fractured Mesaverde formation as follows: All frac fluid contained 2% KCl water, 40#/1000 gal. J-133 gelling agent, 25#/1000 gal. Adomite Aqua, 1 gal./1000 gal. F-78 surfactant, 100 mesh and 20-40 mesh sand as follows:

Started pad with frac fluid. Broke down from 4900# to 4300#. Pumped 7500 gal. frac fluid pad. Pumped 4000 gal. frac fluid with 0.5 ppg 100 mesh sand. Pumped 8000 gal. frac fluid with 1.0 ppg 100 mesh sand. Pumped 5000 gal. frac fluid with 0.5 ppg 20-40 sand. Pumped 10,000 gal. frac fluid with 1.0 ppg 20-40 sand. Pumped 10,000 gal. frac fluid with 1.5 ppg 20-40 sand. Pumped 20,000 gal. frac fluid with 2.0 ppg 20-40 sand. Pumped 20,000 gal. frac fluid with 2.5 ppg 20-40 sand. Pumped 500 gal. frac fluid and then dropped 16 ball sealers at 2 ball sealers/bbl. in pad of Stage II. Pumped 7500 gal. frac fluid pad. Pumped 4000 gal. frac fluid with 0.5 ppg 100 mesh sand. Pumped 8000 gal. frac fluid with 1.0 ppg 100 mesh sand. Pumped 5000 gal. frac fluid with 0.5 ppg 20-40 sand. Pumped 10,000 gal. frac fluid with 1.0 ppg 20-40 sand. Pumped 10,000 gal. frac fluid with 1.5 ppg 20-40 sand. Pumped 20,000 gal. frac fluid with 2.0 ppg 20-40 sand. Pumped 20,000 gal. frac fluid with 2.5 ppg 20-40 sand. Pumped 500 gal. frac fluid and dropped 16 ball sealers at 2 ball sealers/bbl. of pad in Stage III. Pumped 7500 gal. frac fluid pad. Pumped 4000 gal. frac fluid with 0.5 ppg 100 mesh sand. Pumped 8000 gal. frac fluid with 1.0 ppg 100 mesh sand. Pumped 5000 gal. frac fluid with 0.5 ppg 20-40 sand. Pumped 10,000 gal. frac fluid with 1.0 ppg 20-40 sand. Pumped 10,000 gal. frac fluid with 1.5 ppg 20-40 sand. Pumped 20,000 gal. frac fluid with 2.0 ppg 20-40 sand. Pumped 20,000 gal. frac fluid with 2.5 ppg 20-40 sand. Pumped 500 gal. frac fluid and then dropped 16 ball sealers at 2 ball sealers/bbl. in pad of Stage IV. Pumped 7500 gal. frac fluid pad. Pumped 3000 gal. frac fluid with 0.5 ppg 100 mesh sand. Pumped 5000 gal. frac fluid with 1.0 ppg 100 mesh sand. Pumped 3000 gal. frac fluid with 0.5 ppg 20-40 sand. Pumped 5000 gal. frac fluid with 1.0 ppg 20-40 sand. Pumped 5000 gal. frac fluid with 1.5 ppg 20-40 sand. Pumped 10,000 gal. frac fluid with 2.0 ppg 20-40 sand. Pumped 10,000 gal. frac fluid with 2.5 ppg 20-40 sand. Displaced with 192 bbls. 2% KCl water with 20#/1000 gal. Guar Gum. Pressures and rates per stage were as follows:

Stage	Rate	Pressure
I	30 B/M	4200#
II	30 B/M	4400#
III	27 B/M	4900#
IV	18 B/M	4900#

Final pressure of 5000#. Max. press. 5200#; ISIP 3300#; 15 min. SIP 3100#. Had good ball action between stages. Pumped a total of 7462 bbls. fluid with 36,500# 100 mesh sand and 419,000# 20-40 sand. Avg. treat. pressure 4600# at 27.6 B/M. Shut well in. Rigged down Dowell. Rigged up loggers. Ran Temp. Survey. Correlated to previous logs. Logged from 8000' to 9917', sand fillup. Shut well in overnight to let pressure dissipate into formation.



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Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000
Fed. Lse. 14-20-H62-3010 (AL) Location: NE SE Sec. 34, T8S, R21E

TD 10,227'. 10-17-78: Pressure on wellhead 100#. Bled off pressure. Completed running 2 7/8" tubing with packer. Ran a total of 264 jts. Landed packer at 8109'. Loaded annulus and pressured to 2000#. Spotted 15% HCl acid to 7000' and closed ports on packer. Broke down Mesaverde with 174 bbls. 15% HCl, dropping rubber ball sealers during breakdown. BDP 2900 to 2250#. Inj. rate 8 B/M. Had ball-off at 5000# with good balling action. Displaced acid to bottom perfs with 88 bbls. 2% KCl water. ISIP 3000#. Laid flow line to pit. Rigged down Dowell. Opened tubing. Well started to flow back at 9 B/M. In 2 hrs. had a small spray of fluid. In 3 hrs. had gas with spray of fluid. In 5 hrs. flowing gas to pit. Rec. 262 BLF. All load recovered. Flowing well to pit.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000
Fed. Lse. 14-20-H62-3010 (AL) Location: NE SE Sec. 34, T8S, R21E

TD 10,227'. 10-18-78: At 8:00 a.m. well flowing 150 MCF with 6-8 BLW/H. 10:00 a.m. rate dropped to 100 MCF. 11:00 a.m.: Picked up swab and ran to 8100'. Flowed 200 MCF for 1 hr., then began to drop off. From 3:00 p.m. to 6:00 p.m. pulled swab once each half hr. from 8100'. Picking up 300' fluid per run. Making 100-150 MCF with 4 BW/H. Left flowing to pit.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000
Fed. Lse. 14-20-H62-3010 (AL) Location: NE SE Sec. 34, T8S, R21E

TD 10,227'. 10-19-78: 8:00 a.m. Flowing in heads. Made two runs with swab from 8100'. Rec. 25 BLW. Well began to flow steadily. Ran swab at 30-min. intervals for 3 hrs. Rec. .2 BLW/run. Gas rate was between 127 and 142 MCF. Last 5 hrs. measured rate was 131 MCF. Made 32 BLW.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000
Fed. Lse. 14-20-H62-3010 (AL) Location: NE SE Sec. 34, T8S, R21E

10-20-78: 7:30 a.m. Slight gas blow. Not lifting any water. Pumped brine fluid in well. Killed well. Unseated packer. Pulled tubing and packer. Laid down 2 7/8" tubing. Unloaded and racked 3 1/2" tubing. Picked up Baker large bore Model "R" packer. Tallied and singled in 51 jts. 3 1/2" tubing. SDON.

10-21-78 and 10-22-78: Shut down for weekend. Mixed and blended 8000 gal. frac fluid.



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Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000
Fed. Lse. 14-20-H62-3010 (AL) Location: NE SE Sec. 34, T8S, R21E

TD 10,227'. 10-11-78: Drilled cement and plug from 6742' to 6938'. Circ. hole clean. Closed BOP. Press. tested to 5000#. Dropped 50# in 10 min. Singled in and tallied tubing to 9980'. Tagged cement. Circ. mud from bottom. SDON.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000
Fed. Lse. 14-20-H62-3010 (AL) Location: NE SE Sec. 34, T8S, R21E

TD 10,227'. 10-12-78: Drilled out to 10,094'. Circ. hole clean. Displaced hole with brine water. Laid down 3 jts. tubing. Pulling tubing.



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OURAY FIELD - Uintah Co., Utah

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000
Fed. Lse. 14-20-H62-3010 (AL) Location: NE SE Sec. 34, T8S, R21E

TD 10,227'. 10-4-78: Started drilling cement at 4092'. Drilled to 4362', hard cement. Drilled 270'. SDON.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000
Fed. Lse. 14-20-H62-3010 (AL) Location: NE SE Sec. 34, T8S, R21E

TD 10,227'. 10-5-78: Drilled hard cement from 4362' to 4657'. Bit quit drilling. Made 295' of hole. Circ. hole clean for 1 hr. No returns of DV tool. Shut down to repair engine fan mount. SDON.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000
Fed. Lse. 14-20-H62-3010 (AL) Location: NE SE Sec. 34, T8S, R21E

TD 10,227'. 10-6-78: Press. tested lines to 4500#. Closed BOP. Press. well to 3200#. Well would take water at rate of 3 B/M. Hooked up drilling equipment. Drilled DV tool to 4659'. Drilled approx. 2'. Rec. rubber and magnesium. Circ. hole clean. Closed BOP. Press. casing to 2800# and well took water at 3 B/M. Pulled tubing and bit. Picked up Baker Model "E" packer. Ran in hole with tubing. Set at 4373' KB. Press. annulus to 3000# for 15 min. Held okay. Released pressure to 1000#. Squeezed DV tool (4657') with 50 sacks Class "G" with 0.5% D-19 and 0.75% D-31. Displaced 5 bbls. cement in hole at 2000#. Hesitation squeeze at 15 min. intervals of 1/4 bbl. each time. Squeezed to 2750# and held. Left pressure on tubing and annulus. WOC. SDON.

10-7-78: WOC.

10-8-78: Shut down on Sunday.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000
Fed. Lse. 14-20-H62-3010 (AL) Location: NE SE Sec. 34, T8S, R21E

TD 10,227'. 10-9-78: Released pressure and packer. Pulled tubing and packer. Laid down packer. Picked up 4 3/4" bit and ran in hole with tubing. Ran to 4418' and tagged cement. Hooked up drilling equipment. Drilled cement to 4575'. 82' left to clean out. Circulated hole clean. SDON.

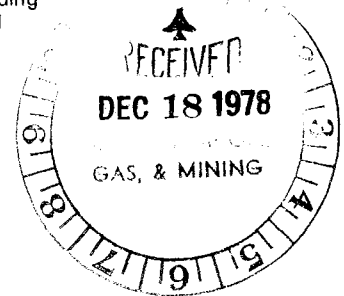
Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - Conoco 1.0000000
Fed. Lse. 14-20-H62-3010(AL) Location: NE SE Sec. 34, T8S, R21E

TD 10,227'. 10-10-78: Drilled cement to 4659'. Closed BOP. Press. tested casing to 5000# for 10 min. Lost 50# pressure. Tallied and singled in 2 7/8" tubing to 6727'. Drill-d plug and cement to 6742'. Power swivel and hydraulic unit heating up. Rigged down drilling equipment. Changing out equipment. SDON.



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OURAY FIELD - Uintah Co., Utah

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - NE SE Sec. 34, T8S, R21E
Fed. Lse. No. 14-20-H62-3010 (AL)

TD 10,227'. 12-6-78: Pulled and laid down 10' 3" N-80 sub. Spaced out tubing. Landed tubing with 182 jts. in hole and 45,000# compression on packer at 5514' KB. Set tubing hanger in head. Removed BOP and all surface pressure control equipment. Hooked up wellhead. Pressure tested back side to 2500#. Tested okay. Rigged up Otis to pull plug from tubing. Otis did not have right connection to change-over on wellhead. SDON. Snow blowing and drifting.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - NE SE Sec. 34, T8S, R21E
Fed. Lse. No. 14-20-H62-3010 (AL)

TD 10,227'. 12-7-78: Ran in hole with Otis wire line. Retrieved "C-W" plug. Rigged down Otis. Completed hooking up wellhead. Blew down well for 1 hr. to mist. Rigged up Western Co. Broke down Wasatch formation as follows: Loaded tubing with 2% KCl water. Pumped down tubing at 7 B/M with 25 bbls. KCl water. Followed with 20 bbls. KCl water and one rubber ball/bbl. fluid. Followed with 24 bbls. 15% HCl acid with one ball/bbl. fluid. Followed with 48 bbls. 15% HCl acid with one ball/1½ bbl. fluid. Followed with 27 bbls. 2% KCl water with one ball/1½ bbl. fluid. Displaced to bottom perfs with 80 bbls. of 2% KCl water. Initial pressure was 2000#, final press. 1350#. Did not ball off. Had very little balling action. ISIP 1100#; 5 min. SIP 1100#. Rigged down Western Co. Opened well and blew down to pit. Flowed well 1 hr. and blew down to mist. SI. Prep. to frac well. SDON.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - NE SE Sec. 34, T8S, R21E
Fed. Lse. No. 14-20-H62-3010 (AL)

TD 10,227'. 12-8-78: Snow drifting. Heated frac water. Cold weather. Unable to get frac completed in daylight.

12-9-78: Rigged up Western Co. Frac'd well as follows: All frac fluid contained 2% KCl water, 40#/1000 gal. J-266, 30#/1000 gal. Adomite Aqua, and 1 gal. FSF surfactant. All sand was 20-40. Tested lines to 8000#. Frac'd down 3½" tubing. Pumped 138 bbls. frac fluid pad. Pumped 190 bbls. frac fluid with 0.5 ppg sand. Pumped 190 bbls. frac fluid with 1.0 ppg sand. Pumped 238 bbls. frac fluid with 1.5 ppg sand. Pumped 476 bbls. frac fluid with 2.0 ppg sand. Pumped 595 bbls. frac fluid with 2.5 ppg sand. Pumped 12 bbls. frac fluid flush. Dropped 20 7/8" ball sealers. Avg. rate 30 B/M at 3250#. Ball sealers hit perfs and press. went to 6300#. Shut down pumps 1 min. Press. dropped to 3600#. Started pumps. Press. increased to 5000#. Pumped 179 bbls. frac fluid pad. Pumped 190 bbls. frac fluid with 0.5 ppg sand. Pumped 190 bbls. frac fluid with 1.0 ppg sand.



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Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - NE SE Sec. 34, T8S, R21E
Fed. Lse. 14-20-H62-3010 (AL)

TD 10,227'. 11-27-78: Shut in. Waiting on 3" tubing hanger and 3" top cap flange for wellhead.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - NE SE Sec. 34, T8S, R21E
Fed. Lse. 14-20-H62-3010 (AL)

TD 10,227'. 11-28-78: Waiting on parts for wellhead. Hauling in frac water. Prep. to frac.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - NE SE Sec. 34, T8S, R21E
Fed. Lse. No. 14-20-H62-3010 (AL)

TD 10,227'. 11-29-78: Well shut in. Waiting on wellhead and tubing hanger. Hauled all frac water.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - NE SE Sec. 34, T8S, R21E
Fed. Lse. No. 14-20-H62-3010 (AL)

TD 10,227'. 11-30-78: Machining tubing hanger to fit 3½" tubing.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - NE SE Sec. 34, T8S, R21E
Fed. Lse. No. 14-20-H62-3010 (AL)

TD 10,227'. 12-1-78: Received all parts to complete wellhead. Snowing hard. Shut rig down - 18" snow.

12-2-78: Rig shut down.

12-3-78: Shut down on Sunday.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - NE SE Sec. 34, T8S, R21E
Fed. Lse. No. 14-20-H62-3010 (AL)

TD 10,227'. 12-4-78: Rig shut down. Snowing and blowing snow.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - NE SE Sec. 34, T8S, R21E
Fed. Lse. No. 14-20-H62-3010 (AL)

TD 10,227'. 12-5-78: Heated 400 bbls. water to 75° F. Mixed with 2% KCl. Hooked up Western Co. Pumped down tubing. TP 1700# at beginning; 400# at end. Picked up on tubing. Tried to "J" packer. Packer would not "J." Worked on packer. Let set for 1 hr. Worked on packer with tubing. Worked okay. Lowered tubing. Set in slips. Rigged up Otis. Ran in and set Model "CW-3" tubing plug at 5420'. Rigged down Otis. SDON.



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OURAY FIELD - Uintah Co., Utah - Conoco 1.0000000

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - NE SE Sec. 34, T8S, R21E
Fed. Lse. 14-20-H62-3010 (AL)

TD 10,227'. 11-17-78: Wellhead press. 300#. Opened well to tank. Had small gas cap. Blew off gas. Well dead. Finished running into hole with 3½" J-55 tubing with one jt. N-80 on top (total 1825'). Landed tubing @ 5500'. Set Baker Model "R" packer. Installed TIW valve on 3½" tubing. Rigged up Western Co. Spotted 15% HCl acid to packer. Closed packer. Broke down Wasatch perms with 4350 gal. 15% HCl acid. Dropped one ball sealer/bbl. acid. Displaced acid to bottom perf. with 2% KCl water. Pumped at 8 B/M. Pressure built up to 1900# and leveled out. Some balling action but did not ball out. Contractor failed to maintain constant pressure throughout job. Missing gauge on KCl tank and had safety valve malfunction during job. Used total of 86 bbls. Ins. SIP 1200#; 15 min. 1150#. Rigged down Western Co. Laid line to pit and flowed well to pit. By 6 p.m. well was flowing by heads. Left well flowing to pit overnight.

11-18-78: Well flowing to pit with heavy spray of water. Continuing to flow well to pit to clean up.

11-19-78: Well flowing to pit with heavy mist. Will continue to flow well to pit to clean up.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - NE SE Sec. 34, T8S, R21E
Fed. Lse. 14-20-H62-3010 (AL)

TD 10,227'. 11-20-78: Well flowing to pit at 8:00 a.m. with very strong blow of gas and very light mist of water. Installed a variable choke in flow line. Flowed well on 20/64" choke to pit. At 3:00 p.m. installed a 2" critical flow prover with 3/4" plate. Slowly opened tubing on flow prover. After 1 hr. flow thru prover gas rate was 3.6 MMCF/D. Left well flowing thru critical flow prover with pressure recorder.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - NE SE Sec. 34, T8S, R21E
Fed. Lse. 14-20-H62-3010 (AL)

TD 10,227'. 11-21-78: Flowing well thru 2" critical flow prover with 3/4" plate. Flow rate at 8:00 a.m. 3.2 MMCF/D. Flow rate at 3:00 p.m. 3.1 MMCF/D. SI. Prep. to frac well.

TD 10,227'. 11-22-78: Laid down 2 1/16" tubing in derrick. Racked to one side away from wellhead.

11-23-78: Shut down for Thanksgiving.

11-24-78: Moving in frac tanks and filling with water.

11-25-78: Moving in tanks and filling with water to frac well.

11-26-78: Shut down on Sunday.



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OURAY FIELD - Uintah Co., Utah

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - NE SE Sec. 34, T8S, R21E
Fed. Lse. 14-20-H62-3010 (AL)

TD 10,227'. 11-14-78: Pulled out of hole with 2 1/16" tubing. Singled down 92 jts. and stood back 105 stands. Rigged up wire line. Picked up 5 1/2" Baker Mercury Model "N" cast iron bridge plug. Ran in hole and set at 8015' RBM. Dumped 2 sacks cement with bailer on plug. Prep. to perf. Wasatch formation. SDON.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - NE SE Sec. 34, T8S, R21E
Fed. Lse. 14-20-H62-3010 (AL)

TD 10,227'. 11-15-78: Perforated Wasatch formation with 4" select fire gun at the following depths: (KB)

5954'	6167'	6592'	6731'	6861'
5956'	6169'	6593'	6732'	6862'
5960'	6171'	6594'	6733'	6863'
5962'	6173'	6595'	6734'	6864'
5964'	6175'	6596'	6735'	6865'
5966'	6177'	6602'	6736'	6866'
5972'	6179'	6603'	6737'	6871'
5974'	6195'	6604'	6738'	6872'
5976'	6197'	6605'	6739'	6875'
	6207'	6606'	6740'	6876'
	6209'			6877'
				6878'

Had pressure on surface after first perforating run. Press. built to 900# on surface when finished perforating. Rigged down perforators. Three hrs. after perforating, wellhead press. built to 1700#. Tried to kill well with 2% KCl water. Would not die. Displaced using volume with 2% KCl water. Had 1000# at surface.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - NE SE Sec. 34, T8S, R21E
Fed. Lse. 14-20-H62-3010 (AL)

TD 10,227'. 11-16-78: Wellhead press. 600#. Opened well to tank. Had very small gas caps, then started to flow salt water. Pumped 2 loads of brine water down casing. Opened to tank. After 2 hrs., picked up Baker Model "R" packer and ran in hole with 80 jts. 3 1/2" tubing. Stopped to install stripper head. Well still flowing. Pumped 150 bbls. 10# brine water in casing. Wellhead press. 300#. Bled down pressure. Flowed back 26 bbls. Pumped 26 bbls. back and shut well in at 4:30 p.m. SDON.



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11-7-78
Conoco Mountain Lion 34 #2 - Mesaverde - 10,720'

Fed. Lse. 14-20-H62-3010 (AL) Location: NE SE Sec. 34, T8S, R21E

TD 10,227'. 11-7-78: At 7:30 a.m. CP 875#, tubing - slight blow. Ran in with swab. FL at 1200'. Swabbed well for 10 hrs. Swabbing FL at 2000'. Made 120 BLW. Slight blow between runs. Pulling swab from 6000'. CP at end of day 700#. SDON.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720'

Fed. Lse. 14-20-H62-3010 (AL) Location: NE SE Sec. 34, T8S, R21E

TD 10,227'. 11-8-78: At 7:30 a.m., CP 900#, tubing - slight blow. Ran in with swab. FL at 1200'. Swabbed well for 10 hrs. Made 25 runs. Pulling swab from 6000'. Swabbed 112 BLW. Slight blow between runs. CP at end of day 700#. SDON.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720 - NE SE Sec. 34, T8S, R21E

Fed. Lse. 14-20-H62-3010 (AL)

TD 10,227'. 11-9-78: At 7:30 a.m. CP 825#, slight blow from tubing. Ran in with swab. FL at 1200'. Made 30 runs in 10 hrs. Pulling swab from 6500'. Swabbed 130 BLW. CP at end of day 700#. Swabbing FL at 3500'. Cum. load 5522 bbls.; 2098 BL to recover.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - NE SE Sec. 34, T8S, R21E

Fed. Lse. 14-20-H62-3010 (AL)

TD 10,227'. 11-10-78: At 7:30 a.m. CP 825#. Ran swab in hole. Found FL at 2000'. Swabbed 9 hrs. Made 28 runs from 6500'. Swabbing fluid level at 3800'. Made 100 BLF. CP at end of day 625#. 1998 BL to recover.

11-11-78: CP at 7:30 a.m. 925#. Ran in with swab. Found FL at 2500'. Swabbed well for 5 hrs. Blown gasket on rig. Lost air. Made 15 runs with swab. Swabbed 50 BLW. Cum. load 5672 bbls. 1948 BL to recover. Repaired rig. SDON.

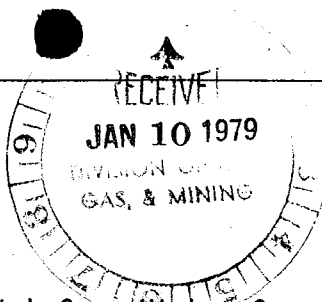
11-12-78: Shut down on Sunday.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - NE SE Sec. 34, T8S, R21E

Fed. Lse. 14-20-H62-3010 (AL)

TD 10,227'. 11-13-78: At 7:30 a.m. CP 920#. Ran in with swab. Found FL at 2600'. Swabbed well for 3 hrs. Rec. 30 BLW. Installed BOP and stripper. Rigged up tubing tools. Prep. to pull tubing. SDON. 1918 BL to recover.

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OURAY FIELD - Uintah Co., Utah - Conoco 1.0000000

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - NE SE Sec. 34, T8S, R21E
Fed. Lse. No. 14-20-H62-3010 (AL)

TD 10,227'. 12-27-78: Found 2", 5000# valve on X-mas tree cut out with frac sand. Replaced valve.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - NE SE Sec. 34, T8S, R21E
Fed. Lse. No. 14-20-H62-3010 (AL)

TD 10,227'. 12-28-78: Tested production unit to 400 MCFG/day. Unit freezes up at any greater rate. Moved off production unit. Will replace with 4 MMCF/day unit with an indirect heater with coils.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - NE SE Sec. 34, T8S, R21E
Fed. Lse. No. 14-20-H62-3010 (AL)

TD 10,227'. 12-29-78: MFS set 4 MMCF production unit. Tied into well and dump line. Brought unit up to temperature. Started sales at 7:00 p.m. Rate 1.36 MMCF. Static TP 2100 psi. Flowing TP 1980 psi. Will slowly increase rate.

12-30-78 thru 1-1-79: Flowing well to sales. No test.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - NE SE Sec. 34, T8S, R21E
Fed. Lse. No. 14-20-H62-3010 (AL)

TD 10,227'. 1-2-79: Flowing well to sales line. Flowed 1392 MCF with TP 1860#.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - NE SE Sec. 34, T8S, R21E
Fed. Lse. No. 14-20-H62-3010 (AL)

TD 10,227'. 1-3-79: Flowing to sales line. Flowed 1,876 MCFPD. TP 1760#.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - NE SE Sec. 34, T8S, R21E
Fed. Lse. No. 14-20-H62-3010 (AL)

TD 10,227'. 1-4-79: Flowing well to sales line. Flowed 2,475 MCFPD. TP 1700#.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - NE SE Sec. 34, T8S, R21E
Fed. Lse. No. 14-20-H62-3010 (AL)

TD 10,227'. 1-5-79: Flowing to sales line. Ran 2180 MCFPD. TP 1700#.
1-6-79: Flowing to sales line. Rate 2502 MCFPD. TP 1680#.
1-7-79: Flowing to sales line. No rate reported.



M.

Alex M. Yarsa
Division Manager
Production Department

Continental Oil Company
152 North Durbin
Pacific Western Life Building
Casper, Wyoming 82601
(307) 234-7311

OURAY FIELD - Uintah Co., Utah

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - NE SE Sec. 34, T8S, R21E
Fed. Lse. No. 14-20-H62-3010 (AL)

TD 10,227'. 12-15-78: Flowed well 24 hrs. Flowing thru 16/64" choke. Blowing with heavy mist. Closed choke to 12/64". TP 800#. Flowing well.

12-16-78: Flowed well for 24 hrs. TP 1200#. Blowing with heavy mist. Flowing well. Closec choke to 10/64" choke.

12-17-78: Flowed well for 24 hrs. Flowing thru 10/64" choke. Moderate mist. TP 1700#. Closed well in to hook to sales line. Will test to sales line.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - NE SE Sec. 34, T8S, R21E
Fed. Lse. No. 14-20-H62-3010 (AL)

TD 10,227'. 12-18-78: Well shut in. Mtn. Fuel Supply laying 2" line to production unit from wellhead.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - NE SE Sec. 34, T8S, R21E
Fed. Lse. No. 14-20-h62-3010 (AL)

TD 10,227'. 12-19-78: Hooking up flow line from wellhead to production unit.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - NE SE Sec. 34, T8S, R21E
Fed. Lse. No. 14-20-H62-3010 (AL)

TD 10,227'. 12-20-78: Completed flowline and hookup to Mountain Fuel and Supply production unit. Mountain Fuel needs to add back pressure valve on production unit before well can be put on test.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - NE SE Sec. 34, T8S, R21E
Fed. Lse. No. 14-20-H62-3010 (AL)

TD 10,227'. 12-21-78: Mountain Fuel installed back-pressure regulator valve. Pressure tested new connection, production unit, and brought dehydrator up to temperature. Pressured up flowline to 8" main line for overnight pressure test.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - NE SE Sec. 34, T8S, R21E
Fed. Lse. No. 14-20-H62-3010 (AL)

TD 10,227'. 12-22-78: Well producing stable foam, would not break out in separator which caused control failure and loss of fire in dehydrator. Unit froze up. Thawed out production unit. Ordered out D-47 defoamer chemical.
12-23-24-25&26-78: SD for holidays. Circulating Gylcol.



Alex M. Yarsa
Division Manager
Production Department

Continental Oil Company
152 North Durbin
Pacific Western Life Building
Casper, Wyoming 82601
(307) 234-7311

OURAY FIELD - Uintah Co., Utah

Pumped 214 bbls. frac fluid with 1.5 ppg sand. Pumped 428 bbls. frac fluid with 2.0 ppg sand. Pumped 360 bbls. frac fluid with 2.5 ppg sand. Pumped 900 bbls. frac fluid with 2.0 ppg sand. Pumped 50 bbls. frac fluid with 3.0 ppg sand. Pumped 75 bbls. frac fluid flush. Avg. rate 29 B/M at 4000#. ISIP 1750#; 10 min. SIP 1700#. Pumped 312,500# 20-40 sand and 4425 BF. Avg. rate 28.2 B/M. Avg. press. 3700#. Shut well in. Rigged up McCullough to run temp. survey. Unable to run survey because grease injector unable to pump grease to control head due to cold weather. Rigged down McCullough. Shut well in.

12-10-78: Opened up wellhead. Wellhead frozen. Unable to thaw. Left well shut in. Will use rig crew to thaw out and flow back frac fluid. Temp. -14° F.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - NE SE Sec. 34, T8S, R21E
Fed. Lse. No. 14-20-H62-3010 (AL)

TD 10,227'. 12-11-78: Rigged up hot oil truck. Pumped hot water on wellhead. Thawed wellhead. Pressure built up to 575#. Laid flowline to pit. Opened well up and flowing to pit at controlled rate of 20 BFPH. Flowed well for four hours. Flowing 20 BPH of fluid with wellhead pressure of 700#. 4345 BF left to recover. Flowing well.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - NE SE Sec. 34, T8S, R21E
Fed. Lse. No. 14-20-H62-3010 (AL)

TD 10,227'. 12-12-78: Flowed well for 24 hrs. at controlled rate of 20 BFPH. Made 480 bbls. of frac fluid. Cutting very slight amt. of gas. 3865 bbls. frac fluid to recover.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - NE SE Sec. 34, T8S, R21E
Fed. Lse. No. 14-20-H62-3010 (AL)

TD 10,227'. 12-13-78: Flowing well to pit. Well flowed at 21 BFPH for 24 hrs. TP 205#. Liquid slightly gas cut. Laying temp. flow line to Mtn. Fuel. 3361 BL to recover.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - NE SE Sec. 34, T8S, R21E
Fed. Lse. No. 14-20-H62-3010 (AL)

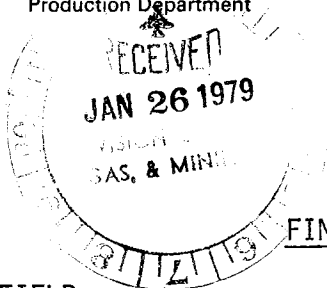
TD 10,227'. 12-14-78: Flowed well to pit for 24 hrs. In first 10 hrs. well began to slow down on rate. Opened choke to $\frac{1}{4}$ ". Rate increased to 25 BFPH. Flowing TP 300#. Well began flowing in heads with strong gas blows. Flowed 480 BF. 2881 BL to recover. Flowing to pit.



21

Alex M. Yarsa
Division Manager
Production Department

Continental Oil Company
152 North Durbin
Pacific Western Life Building
Casper, Wyoming 82601
(307) 234-7311



1-22-79

FINALS ON COMPLETED DRILLING WELLS

OURAY FIELD

Conoco Mountain Lion 34 #2 - Mesaverde - 10,730' - Conoco 1.0000000

Location: 1871' FSL, 1302' FEL, NE SE Sec. 34, T8S, R21E, Uintah Co., Utah.
AFE 12-61-1228. API Well No.: 43-047-30338. Fed. Lse. No. 14-20-H62-3010
(AL). Elevations: GL 4730', KB 4742', RBM 12'. Spudded 6-13-78. Rig released
9-2-78. Completed 1-11-79. TD 10,227', PBD 8015'. Wasatch completion, NEP 109'.
Ran Dual Ind.-Gr, FDC-GR-Caliper, FDC-CNL-Caliper, and GR-CBL-VDL. Log tops:

First Limestone Marker	1766'
Green River Marker	2187'
Wasatch	5516'
Transition Zone	7516'
Mesaverde Sand	8387'

Perforated Mesaverde in 7 zones from 8188' to 9923' KB - total of 59 holes.
Frac'd Mesaverde. Made load water; tubing had weak gas blow. Set bridge plug
at 8015'. Perforated Wasatch from 5954' to 6878' - total of 52 holes. Acidized
and frac'd Wasatch. On 1-11-79 flowed well to sales line: 3234 MCF at TP 1375#.
Calculated potential at TP 500# = 5080 MCF/D. Gas Contract No. 4684. BTU content:
1062. Initial delivery date 12-29-78. Purchaser: Mtn. Fuel Supply. Casing record:
13 3/8" set at 60'; 9 5/8" set at 3500'; 5 1/2" set at 10,215'. Tubing record: 3 1/2" at
5500'. FINAL REPORT.



14.

Alex M. Yarsa
Division Manager
Production Department

Continental Oil Company
152 North Durbin
Pacific Western Life Building
Casper, Wyoming 82601
(307) 234-7311

OURAY FIELD - Uintah Co., Utah - Conoco 1.0000000

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - NE SE Sec. 34, T8S, R21E
Fed. Lse. No. 14-20-H62-3010 (AL)

TD 10,227'. 1-8-79: Flowing to sales line. Rate = 3,258 MCFPD. TP 1550#.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - NE SE Sec. 34, T8S, R21E
Fed. Lse. No. 14-20-H62-3010 (AL)

TD 10,227'. 1-9-79: Flowed well to sales line. Made 2,928 MCFPD. TP 1570#.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - NE SE Sec. 34, T8S, R21E
Fed. Lse. No. 14-20-H62-3010 (AL)

TD 10,227'. 1-10-79: Flowing to sales line. Increased rate from 3000 MCFPD to 3500 MCFPD.

Conoco Mountain Lion 34 #2 - Mesaverde - 10,720' - NE SE Sec. 34, T8S, R21E
Fed. Lse. No. 14-20-H62-3010 (AL)

TD 10,227'. 1-11-79: Flowed well to sales line: 3234 MCF at TP 1375#.
Calculated potential at TP 500# = 5080 MCF/D. Completion report to follow.

ATTACHMENT NO. 1A

Fractured Interval 8188'-9923'

All frac fluid contained 2% KCL water, 40#/1000 gal.
J-133 gelling agent, 25#/1000 gal. adomite aqua,
1 gal./1000 gal. F-78 surfactant. - Total 7462 Bbls.
fluid.

Frac sand contained 36,500# 100 mesh sand and 419,000#
20-40 sand.

ATTACHMENT NO. 1B

Fractured Interval 5954'-6878'

All frac fluid contained 2% KCL water, 40#/1000 gal.
J-266, 30#/1000 gal. adomite aqua, 1 gal. FSF
surfactant. - Total 4425 Bbls. fluid.

All frac sand was 20-40. Total 312,500# sand.

FORM OGC-8-X
FINLE IN QUADRUPLICATE

8/25/78

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

RMF
Ran
P
JWS
M.T.M.
7

REPORT OF WATER ENCOUNTERED DURING DRILLING

WELL NAME & NUMBER Conoco Mountain Lion 34 #2
OPERATOR Continental Oil Co.
Address 152 N. Durbin St., Casper, Wyo. 82601
CONTRACTOR Cactus Drlg. Co.
Address Box 1239, Richardson, TX 75080
LOCATION NE 1/4 SE 1/4; Sec. 34; T. 8 N; R. 21 E
COUNTY Uintah

WATER SANDS: None.

	<u>DEPTH</u>	<u>VOLUME:</u>	<u>QUALITY:</u>
	From - to -	Flow Rate or Head -	Fresh or Salty -
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____

(Continue on Reverse Side if Necessary)

FORMATION TOPS:

NOTE:

- (a) Upon diminishing supply of forms, please inform this office.
- (b) Report on this form as provided for in Rule C-20. General Rules and Regulations and Rules of Practice and Procedure.
- (c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other <input type="checkbox"/>						
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other <input type="checkbox"/>				
2. NAME OF OPERATOR Continental Oil Company						5. LEASE DESIGNATION AND SERIAL NO. 14-20-H62-3010					
3. ADDRESS OF OPERATOR 152 N. Durbin, Casper, WY 82601						6. IF INDIAN, ALLOTTEE OR TRIBE NAME AL-3010					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1871' FSL, 1302' FEL (NE SE) At top prod. interval reported below At total depth						7. UNIT AGREEMENT NAME					
14. PERMIT NO.						DATE ISSUED					
15. DATE SPUDDED 6-13-78		16. DATE T.D. REACHED 8-30-78		17. DATE COMPL. (Ready to prod.) 1-11-79		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 4730' GL		19. ELEV. CASINGHEAD			
20. TOTAL DEPTH, MD & TVD 10,227'		21. PLUG, BACK T.D., MD & TVD 8015'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY →		ROTARY TOOLS A11			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Wasatch 5954'-6878'						25. WAS DIRECTIONAL SURVEY MADE Yes					
26. TYPE ELECTRIC AND OTHER LOGS RUN DLL with DIL, CND-CAL-GR, Saraband, Mud Log						27. WAS WELL CORED No					
28. CASING RECORD (Report all strings set in well)											
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
13 3/8"		54.5#		60'		17 1/2"		75 sacks Class "G"			
9 5/8"		36#		3500'		12 1/4"		400 sacks Class "G"			
5 1/2"		17#		10,215'		7 7/8"		400 sacks "Thick Set"			
								1746 sacks Class "G", 91		sacks 50-50 Pozmi	
29. LINER RECORD										30. TUBING RECORD	
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE	
										3 1/2"	
										5500'	
31. PERFORATION RECORD (Interval, size and number)										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
8188'-9923' .45" 59JS										DEPTH INTERVAL (MD)	
5954'-6878' .45" 52JS										AMOUNT AND KIND OF MATERIAL USED	
										8188'-9923' 174 Bbls. 15% HCL, 88 Bbls. 2% water	
										8188'-9923' See Attachment No. 1A	
										5954'-6878' 4350 Gal. 15% HCL acid, 86 Bbls water	
										5954'-6878' See Attachment No. 1B	
33. PRODUCTION											
DATE FIRST PRODUCTION 12-29-78		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing						WELL STATUS (Producing or shut-in) Producing			
DATE OF TEST 1-11-79		HOURS TESTED 24		CHOKE SIZE 10/64		PROD'N. FOR TEST PERIOD →		OIL—BBL. -		GAS—MCF. 3234	
FLOW. TUBING PRESS. 1375#		CASING PRESSURE -		CALCULATED 24-HOUR RATE →		OIL—BBL. -		GAS—MCF. -		WATER—BBL. 0	
										OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold										TEST WITNESSED BY Homer Smith	
35. LIST OF ATTACHMENTS Attachment No. 1A Frac Interval 8188'-9923', Attachment 1B Frac Interval 5954'-6878'											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records											
SIGNED T. C. Thompson		TITLE Administrative Supervisor						DATE 2-12-79			

*(See Instructions and Spaces for Additional Data on Reverse Side)



Alex M. Yarsa
Division Manager
Production Department

Conoco Inc.
907 Rancho Road
Casper, WY 82601
(307) 234-7311

February 12, 1982

U. S. G. S.
Dept. of Natural Resources
Div. of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Gentlemen:

Production Facility Layouts/
Bench Mark Locations
27 Conoco Ouray Wells
Uintah County, Utah
File: PC-416-CF

RECEIVED
FEB 19 1982

DIVISION OF
OIL, GAS & MINING

Attached are plats detailing the production facility layouts and bench mark locations for 27 Conoco Ouray wells located in Uintah County, Utah. These plats are furnished in compliance with Supplemental Stipulation No. 11, which accompanied the approved APDs. Plats for the remaining two locations will be furnished at a later date.

Very truly yours,

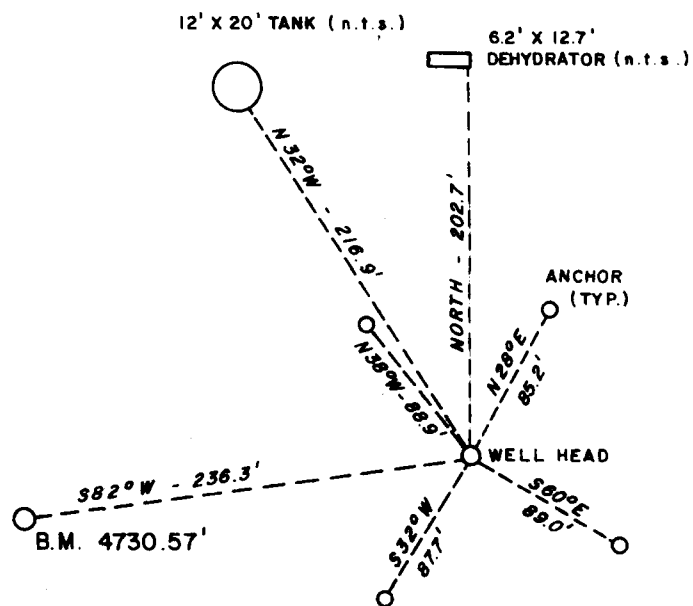
A. M. Yarsa
Division Manager

abs

att.

PROJECT
CONOCO INC.

Production Facilities
Layout for Well location,
MOUNTAIN LION 34# 2,
located in Section 34,
T8S,R21E, S.L.B. & M.
Uintah County, Utah.



NOTE : Compass Bearings



CERTIFICATE

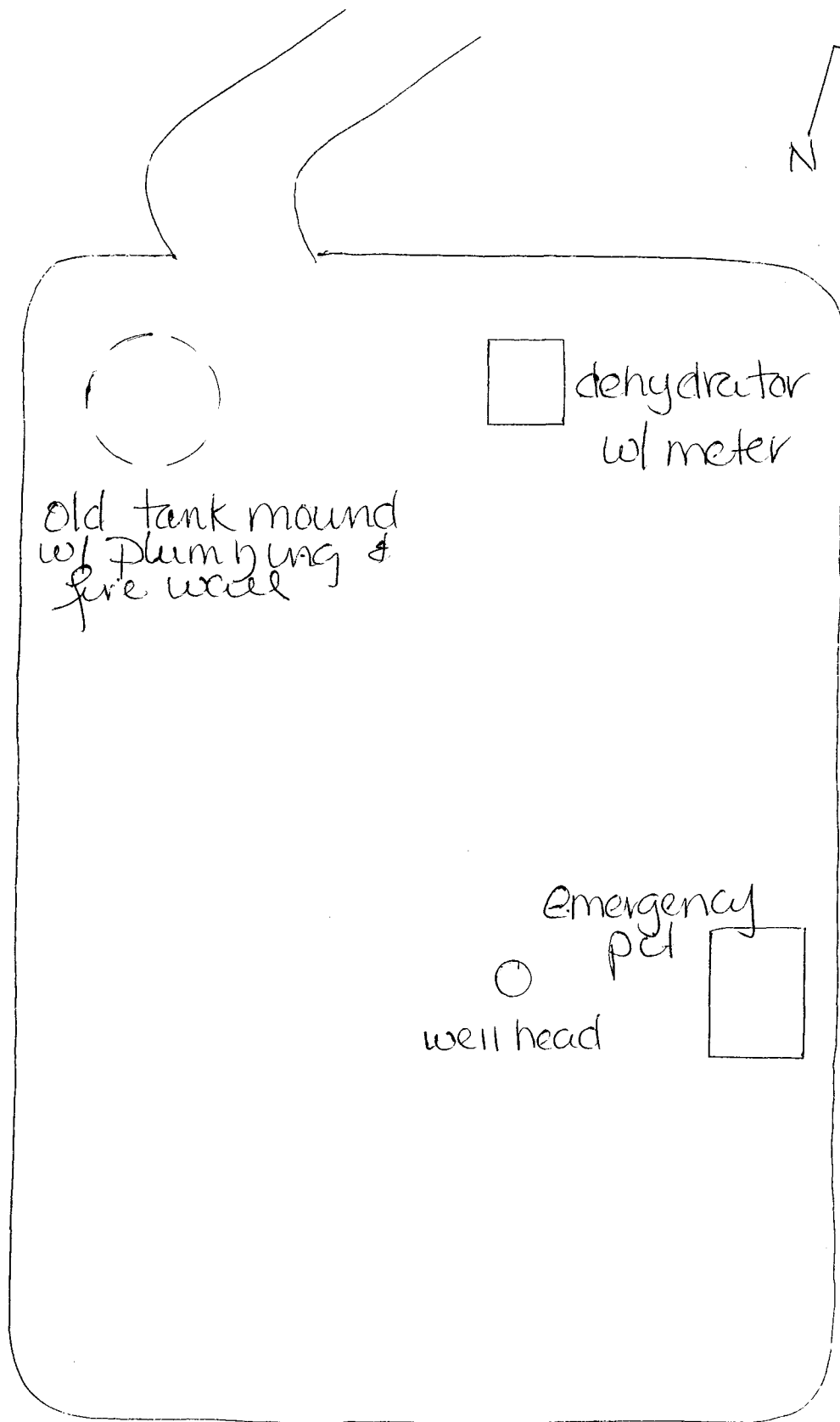
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Laurence C. Kay
REGISTERED LAND SURVEYOR
REGISTRATION NO 3137
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE	1" = 100'	DATE	1/14/82
PARTY	DA JK RP	REFERENCES	GLO Plat
WEATHER	Cold	FILE	CONOCO

Mountain Lion L&L 34#2 Sec. 34, T8S, R21E Duly 4/4/89



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. ☐ OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
Conoco Inc.

3. ADDRESS OF OPERATOR
851 Werner Court, Casper, WY 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

1,871' FSL, 1,302' FEL (NE/SE)

14. PERMIT NO.
43-047-30338

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4,730' GL

RECEIVED
JAN 08 1990

DIVISION OF
OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.
14-20-H62-3010

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Mountain Lion

9. WELL NO.
34-2

10. FIELD AND POOL, OR WILDCAT
Natural Buttes/Wasatch

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA
Sec. 34, T8S, R21E
USM

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

Flow Test

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Work was performed on the subject well as follows:

Please see attached.

OIL AND GAS

DEM	REP
JWS	CLI
DTI	SLG

1-TAS

2-MICROFILM

3-FILE

BLM-Vernal (3), UDOGM (2), Well File

18. I hereby certify that the foregoing is true and correct

SIGNED

T. D. Thompson

TITLE

Administrative Supervisor

DATE

12-21-89

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



Exploration and Production, North America
Casper Division

Conoco Inc.
851 Werner Ct.
Casper, WY 82601-1311
(307) 261-7800

OTHER REMEDIALS/RECOMPLETIONS

11/02/89

NATURAL BUTTES (QHT) - Wasatch (YKZ) - Uintah County, UT - W.I. - 100%
- Property Lease Code: 7156322

Mtn. Lion No. 34-2 - MER 89-32 - Flow test the Wasatch sand intervals

Location: 1,871' FSL, 1,302' FEL, Section 34, T8S, R21E

BEFORE

AFTER

TD: 10,227'	PBTD: 8,015'	NC
Elevations: GL 4,730'; KB 4,742';		NC
RB 12'		
Casing: 5-1/2" at 10,215'		NC
Liner: None		NC
Tubing: 187 joints, 1.90", 2.76#/ft.,		NC
at 6,171'		

GFL

TSI

Perfs: Wasatch - 5,954' to 5,976';	NC
6,167' to 6,209'; 6,592' to 6,606';	
6,731' to 6,740'; 6,861' to 6,878'.	

Tested: Tested 234 MCF on 06/07/89. N/A

Worked Started: 07/06/89

Work Completed: 07/22/89

Work Done: Rig up and pulled 1.90" tubing. RIH with 2-3/8" workstring and scraper. Checked for scale - no scale. RIH with Guiberson bridge plug and packer. Test casing from 5,913' to surface (650 psi) - okay. Flow test each of the 5 perforated intervals (Wasatch) by isolating and flowing to the pit through an orifice well tester (back pressure - ± 8 psi). Also recorded ± 20 hour pressure buildup of each zone. Lay down workstring. Run 1.90" tubing to 6,171'. Rig down and nipple up wellhead. Flow well to pit. Will attempt to flow into sales line after cleanup.

FINAL REPORT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990
Bureau Designation and Serial No.
14-20-H62-3010
Indian, Annotee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

Type of Well
☐ Oil ☒ Gas ☐ Other
Name of Operator
Conoco Inc.
Address and Telephone No.
851 Werner Court, Casper, WY 82601 (307) 261-7800
Location of Well (Footage, Sec., T., R., M., or Survey Description)
1,871' FSL, 1,302' FEL (NE/SE) Sec. 34, T8S, R21E, USM

Unit or CA Agreement Designation
Well Name and No.
Mountain Lion No. 34-2
API Well No.
43-047-30338
Field and Pool, or Exploratory Area
Natural Buttes/Wasatch
County or Parish, State
Uintah, Utah

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection

Cement Squeeze, Reperf

Note: Report results of multiple completion on Well Completion or
Recompletion Report and Log form.

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The subject well is a flowing gas well in the Wasatch. Total depth is 10,227'; PBTD is 8,015'. The 9-5/8" casing is set at 3,520'; the 5-1/2" casing is set at 10,215'. It is proposed to squeeze cement zones 1 and 2 and reperformate, acidize and fracture stimulate zones 3, 4, and 5 as follows:

Please see attached.

BLM-Vernal (3), UDOGM (2), Well File

OIL AND GAS	
DFN	RJF
2 JPB	GLH
DIS	SLS
1-DNA	
2-DNA	
4- MICROFILM	
5- FILE	

Signature of Administrative Supervisor

Administrative Supervisor

8-2-90

Approved by

Conditions of approval, if any:

Is required before commencing operations.

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 8-15-90

BY: R. B.

MOUNTAIN LION 34 NO. 2
SQUEEZE CEMENT ZONES 1 & 2 & REPERFORATE, ACIDIZE &
FRACTURE STIMULATE ZONES 3, 4, & 5

Recommended Procedure:

NOTE: Depths in procedure are based on openhole logs dated JUNE 21, 1978 and a KB elevation of 4742' (12' above GL).

- 1) MI and RU completion rig. MI and spot completion fluid tanks on location.

NOTE: All completion fluid tanks will be steam cleaned, drained and inspected before being moved to location. Transports should be cleaned before transporting 2% KCl water.

- 2) Kill well with 2% KCl water.
- 3) NU 7 1/16" X 5000 psi BOP's. Test BOP's to 5000 and 250 psi for 15 minutes.
- 4) POOH with 1.9" production tubing.
- 5) GIH with a 4 3/4" bit and casing scraper on 2 7/8" EUE workstring and tag top of fill. Notify Casper Office of results. POOH.
- 6) MI and RU electric line with lubricator.
- 7) RIH perforating gun assembly with GR-CCL tool. Gun assembly is to be loaded with 4" guns loaded 4 JSPF @ 90 degree phasing having the following minimum specifications:

Charge: 22.5 grams
Diameter: 0.4 inches
TTP: 15 inches

NOTE: "Radio silence signs must be posted 500' from location on all incoming roads. Radio silence is to be maintained any time "armed" guns are on surface or 500' from surface while running. All unessential personnel must stay clear of perforating guns during loading and running. This process should be repeated when pulling out of the hole.

- 8) Correlate to the open hole logs dated April 21, 1978. Perforate the intervals from 6884'-6860', 6741'-6724', & 6610'-6586'. Monitor wellbore for pressure buildup for approximately 5 minutes. Record pressures, if any, and POOH.

ZONE 5 ACID BREAKDOWN

- 9) RIH with a perforation injection/wash tool (Baker "SAP" type or Equiv.) with 2' seal spacing and a 5 1/2" retrievable bridge plug (model "C" or "G") on 2 7/8" workstring. The wash tool should be run without the flow control valve so that RBP can be tested in the next step.
- 10) Set the packer at 6900' and test the CIBP at 8015' (see attachment 10) to 1500 psi at the surface (the estimated BHTP during the proposed fracture treatment is 4000 psi). Bleed off pressure and unseat packer.
- 11) Set bridge plug and packer. Test RBP and packer seals to 1500 psi with 2% KCl water. Bleed off pressure and unseat packer.
- 12) MI and RU acidizing company. Hold pre-job safety meeting prior to acidizing operations.

NOTE: Material safety data sheets are required on location from service company. The Conoco supervisor on location must also submit a list of chemicals used for the job to the Hazard Communication Coordinator - Casper Office.

- 13) Pressure test all lines and equipment to wellhead with 4000 psi for 5 minutes. Bleed off pressure.
- 14) Pickle the workstring by pumping 500 gallons of the acid mix (See Acid Mix specifications) and displace to the packer with 1200 gallons of 2% KCl water. Reverse out immediately with 1 1/2 tubing volumes (2550 gallons).

Acid Mix Specifications

- 7 1/2% Hydrochloric acid to contain per 1000 gallons:
- 2 gallons non-ionic surfactant
 - 2 gallons corrosion inhibitor (12 hours)
 - 2 lbs. iron stabilizer
- 15) PU and set packer at 6800'.
 - 16) Pump 1000 gallons of acid mix and 1800 gallons of 2% KCl water at 6 BPM. Expected surface pressure is 2000 psi and maximum allowable is 4500 psi. Record instantaneous, 5-, 10-, and 15-minute shut-in pressures.
 - 17) Flow well to tank to bleed off pressure.

ZONE 4 ACID BREAKDOWN

- 18) GIH and PU RBP and reset RBP at 6775' and set packer at 6750'. Test RBP and packer seals to 1500 psi with 2% KCl water. Bleed off pressure and unseat packer.
- 19) RU and set packer at 6700'.
- 20) Pump 1000 gallons of acid mix and 1750 gallons of 2% KCl water at 6 BPM. Expected surface pressure is 2000 psi and maximum allowable is 4500 psi. Record instantaneous, 5-, 10-, and 15-minute shut-in pressures.
- 21) Flow well to tank to bleed off pressure.

ZONE 3 ACID BREAKDOWN

- 22) GIH and PU RBP and reset RBP at 6650' and set packer at 6620'. Test RBP and packer seals to 1500 psi with 2% KCl water. Bleed off pressure and unseat packer.
- 23) PU and set packer at 6550'.
- 24) Pump 1000 gallons of acid mix and 1700 gallons of 2% KCl water at 6 BPM. Expected surface pressure is 2000 psi and maximum allowable is 4500 psi. Record instantaneous, 5-, 10-, and 15-minute shut-in pressures.
- 25) Flow well to tank to bleed off pressure.

ZONES 1 & 2 SQUEEZE CEMENTING

- 26) GIH and PU RBP and reset RBP at 6250' and set packer at 6230'. Test RBP and packer seals to 1500 psi with 2% KCl water. Bleed off pressure and spot 10' of sand on top of the RBP.
- 27) Drop the standing valve and flow control valve.
- 28) Shift the packer to the injection mode and pressure up on the workstring to 2000 psi to test the packer seals. Bleed off pressure.

- 29) PU the wash tool and set it across the bottom perforations at 6210' (Zone 2).
- 30) Pump up to 80 gallons of 2% KCl water at 1/2 BPM into each 2' interval of zone 2 perforations. Record breakdown pressure, pump-in pressure, and ISIP. If a pump-in rate cannot be established, use acid mix instead of 2% KCl water.
- 31) Unseat the packer and move wash tool uphole and repeat the above step until a pump-in rate and pressure has been established into all of the perforations in Zones 1 and 2.
- 32) POOH with the wash tool and workstring.
- 33) RIH with a retrievematic packer (model "R" or equivalent) and set packer at 6220'. Pressure up on the workstring to 1500 psi to test the packer seals. Bleed off pressure.
- 34) Spot a cement plug from 6220' - 6150'. PU packer to 6000' and reverse circulate 2% KCl water until returns are clean. Set packer and pressure up on cement plug with 500 psi.

NOTE: If a balanced plug cannot be spotted due to the low bottomhole pressure, set the packer at 6100' and perform a conventional hesitation squeeze at 1 BPM and attempt to obtain a squeeze pressure of 1500 psi.

Furthermore, if the difference in pump-in pressures between the perforations at 6167'-6179' and 6195'-6209' vary by more than 500 psi during the perf wash job and communication does not occur between the two intervals, then the packer should be set at 6185'. A conventional hesitation squeeze should then be performed on the interval from 6195'-6209' while maintaining a pump-in rate of 2 BPM with 2% KCl water in workstring-casing annulus during cementing operations. A similar cement squeeze will then be performed on the interval from 6167'-6170'.

CEMENT SPECIFICATIONS

50 sacks Class "G" cement with the following additives:

- 0.5% D60 (FLA- DS products or equivalent)

weight - 15.8 ppg
yield - 1.15 cu ft/sk
water - 4.97 gal/sk

- 35) Bleed off pressure and release packer. Spot a cement plug from 6000' -5925'. PU packer to 5800' and reverse circulate 2% KCl water until returns are clean. Set packer and pressure up on cement with 500 psi.

As noted above, if a cement plug cannot be spotted, set packer at 5900' and perform a conventional hesitation squeeze as noted above.

NOTE: While packer is set, pressure test the annulus (casing) to 4500 psi which is the maximum allowable surface pressure during the fracture job. Because of the depleted gas sands in Zones 1 and 2, pressure testing the casing to 4500 psi in Step 37 is not possible. This will create a differential pressure across Zone 2 of approximately 6900 psi which greatly exceeds the burst pressure of the casing.

- 36) Bleed off pressure and POOH with packer and workstring.

DRILL OUT CEMENT PLUGS & RETRIEVE BRIDGE PLUGS

- 37) RIH with 2 7/8" workstring and a 4 3/4" bit and drill out cement plugs and CO to the RBP. Pressure test squeeze to 1500 psi. Notify the Casper Office of the results. POOH.
- 38) RIH with a casing scraper and retrieving head on 2 7/8" workstring to RBP. Displace casing by reverse circulating with clean 2% KCl water until returns are clean.
- 39) Retrieve RBP and POOH.
- 40) RIH with 1.9" production tubing and 5' tungsten-carbide coated blast joint. Land tubing at 6530'.
- 41) ND BOP's and NU wellhead.
- 42) Fracture stimulate well down 1.9" X 5 1/2" annulus with 101,000 gallons of foam (38000 gallons of liquid volume and 2.2 MMCF nitrogen volume) and 175,000 lbs. of sand as follows: (see attachments 3, 4, 5, and 6).

Pump Rate: 25 BPM

Anticipated surface pressure is 4000 psi.

Maximum allowable surface pressure is 4500 psi.

NOTE: Material safety data sheets are required on location from service company. The Conoco supervisor on location must also submit a list of chemicals used for the job to the Hazard Communication Coordinator - Casper Office.

- A. Stake and Anchor all lines.
- B. An on-site safety meeting will be held before the job with all personnel involved to review job responsibilities, safety procedures, quality control procedures, and contingency plans.
- C. Pressure test all surface lines to 5000 psi.
- D. Fracture stimulate the well as follows:

FOAM--Gals			-----SAND-----			N2-Scfm	Slurry	Vol-Gal
Stage	Cum	PPG	Stage	Cum	Stage	Stage	Stage	Cum
38000	38000	0	0	0	22460	38000	38000	
10000	48000	.25	2500	2500	20884	10000	48000	
5000	53000	0	0	2500	22460	5000	53000	
4800	57800	1	4800	7300	19515	5000	58000	
4600	62400	2	9200	16500	17253	5000	63000	
4400	66800	3	13200	29700	15461	5000	68000	
8500	75300	4	34000	63700	14006	10000	78000	
8100	83400	5	40500	104200	12802	10000	88000	
11800	95200	6	70800	175000	11777	15000	103000	
5500	100700	0	0	175000	22460	5500	108500	

NOTE: DO NOT OVERFLUSH !

Tag all sands as follows:

Isotope	mCi reqd	Concentration
Ir-192	70	0.4

- * Monitor each stage of the Frac Job as follows:
 - Document pressure and rate
 - Record all spikes in density, pressure, rate, and X-Linker
 - Know when each stage hits the perfs
 - React to a possible screenout
 - Be prepared to go to flush at any time
 - Note any equipment problems
 - Compare tank gages to actual metered volumes
 - Compare actual volumes to treatment schedule
 - * Catch sand samples off of the sand ramp as per Attachment 4.
 - * Catch fluid samples on the discharge side of the blender as follows:
 - Take one sample for each stage for visual inspection
 - Mark each sample and set aside
 - Measure viscosity and temperature
 - Verify breaker activity
 - Record the time for sample taken and measurements made
 - * Closely monitor surface pressure on the tubing (dead string). A change may indicate the following:
 - Change in gel quality
 - Pump problems
 - Pending screenout
 - Holes in casing
 - Frac out of zone
 - * Contingency plans:
 - If sand supply to blender is lost during job the procedure would then be as follows. Decrease the injection rate and X-Linker rate to allow time to correct the problem if possible. If problem cannot be remedied in several minutes, proceed as follows: If sand is lost prior to the 3 ppg stage, overflush 50 bbls and reschedule treatment. If sand is lost after the 3 ppg stage, flush to the top perforation.
 - See Attachment 5 for additional information.
 - F. Record instantaneous, 5-, 10-, and 15- minute shut-in pressures.
 - G. RU wireline and pressure equipment and run GR-Temperature survey from PBTD to top of radioactive material.
 - H. RD wireline.
- 43) Flow well back immediately on a 1/16" CHOKE at a maximum rate of 10 BPH for the first 4 hours and 1/8" choke the remainder of the day. Flow well back at a maximum rate of 20 BPH the second 24 hours. After well cleans up and stabilizes, place well on test.

ATTACHMENT 10

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

14-20-H62-3010

6. If Indian, Allottee or Tribe Name

Ouray & Uintah

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Conoco Inc

3. Address and Telephone No.

851 Werner Court, Casper, Wy 82601 (307) 261-7800

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1,871' FSL, 1,302' FEL (NE/SE) Sec. 34, T8S, R21E, USM

8. Well Name and No.

Mtn. Lion Etal 34-2

9. API Well No.

43-047-30338

10. Field and Pool, or Exploratory Area

Natural Buttes/Wasatch

11. County or Parish, State

Uintah, UT

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

Fracture Stimulate

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

(Backside)
See Attached

RECEIVED

JUL 25 1991

DIVISION OF
OIL GAS & MINING

BLM-Vernal(3); UOGM(2); BIA; AFE File; BWG

14. I hereby certify that the foregoing is true and correct

Signed

J. Thompson

Title Administrative Supervisor

Date 7-18-91

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Conaco
H. H. H. H.

9.25
9.00
8.75
8.50
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QUESTAR PIPELINE COMPANY
MEASUREMENT EQUIPMENT INSPECTION REPORT

Conrad
DeAnn

LOCATION NO. 000390				FED. LEASE NO. N.A.				COUNTY WINTAH				STATE UT.		DATE 6-4-91																	
STATION OR CUSTOMER LAT. # 520 M.M. ST. # 104										TIME OF TEST 10:30 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM																					
ORIFICE METER		MAKE BARTON		SERIAL NO. 247917		TYPE 302A		CHART NO. L-10-100		STATIC CON. D.S.		PEN ARC 0.4		CLOCK ROT. 8																	
METER RANGE		INCHES 100		POUNDS 1000		ATMOS. PRESS. 12.3		IS ATMOS. SET ON CHART? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		TYPE OF CHART USED <input checked="" type="checkbox"/> Sq. Root <input type="checkbox"/> Linear																					
METER READING		DEAD WEIGHT CHECK				STATIC				DIFFERENTIAL				TEMPERATURE				TIME LAG 2 hrs.													
		D. W. Press: 491				FOUND				LEFT				FOUND						LEFT											
		Atmos. Press: 12.3																													
				Static Pen Set: 503.3				503.3				503.3				5.75				5.65				80				80			

DIFFERENTIAL TEST								STATIC TEST											
FOUND				LEFT				D.W. METER				SQ. ROOT VALUE, AS LEFT							
UP		DOWN		UP		DOWN		FOUND		LEFT		$\sqrt{\frac{\text{Psia} \times 100}{\text{Rp}}} = 7.094$							
Test	Meter	Test	Meter	Test	Meter	Test	Meter	TEST	METER	TEST	METER								
%		%		%		%		Atmos.		Atmos.									
0	0	80	80	0	S	80		Line Press.	491	Line Press.	S								
10	10	60	60	10	A	60		Full Range		Full Range	E								
30	30	40	40	30	M	40		THERMOMETER											
50	50	20	20	50	E	20						MAKE				BARTON			
70	70	0	0	70		0						RANGE				0 + 150 F			
90	90			90								FOUND				LEFT			
100	100			100								UP				DOWN			
								Test Therm	Rec. Therm	Test Therm	Rec. Therm	Test Therm	Rec. Therm	Test Therm	Rec. Therm	Test Therm	Rec. Therm		
								80	80			SAME							
								0	0										

ORIFICE PLATE				SIZE 8 X 02.750				ORIFICE FITTING OR UNION				MAKE DANIEL				TYPE SR.		TAPS FLG.													
EDGES SHARP? YES				ORIFICE CONDITION <input type="checkbox"/> Damaged? <input checked="" type="checkbox"/> Dirty?				SERIAL NO. 814427				LINE SIZE 8"				ID 7.981															
MICRO HORIZONTAL 02.750				MICRO VERTICAL 02.750				METER TUBE																							
Upstream ID: _____																Downstream ID: _____															

TELEMETERING																GRAVITY CALL: (801) 530-2788				ATMOS. TEMP. 65°			
DIFFERENTIAL								PRESSURE								REMARKS/CORRECTIONS NO ADJUSTMENTS MADE GLYCOL ON ORIFICE PLATE							
FOUND				LEFT				FOUND				LEFT											
UP		DOWN		UP		DOWN		UP		DOWN		UP		DOWN									
Test	Trans	Test	Trans	Test	Trans	Test	Trans	Test	Trans	Test	Trans	Test	Trans	Test	Trans								
%		%		%		%		%		%		%		%									
0		100		0		100		0		100		0		100									
25		75		25		75		25		75		25		75									
50		50		50		50		50		50		50		50									
75		25		75		25		75		25		75		25									
100		0		100		0		100		0		100		0									

QPC TESTER <i>Maurice J. Jensen</i>															
WITNESS															

QUESTAR PIPELINE COMPANY
MEASUREMENT EQUIPMENT INSPECTION REPORT

AUG - 9 199

LOCATION NO. 000390				FED. LEASE NO. N.A.				COUNTY WINTAH				STATE UT.		DATE 7-3-91																	
STATION OR CUSTOMER LATERAL #520 M.M. ST. #104										TIME OF TEST 12:45 <input checked="" type="checkbox"/> AM <input type="checkbox"/> PM																					
ORIFICE METER		MAKE BARTON		SERIAL NO. 247917		TYPE 202A		CHART NO. L-10-100		STATIC CON. D.S.		PEN ARC O.K.		CLOCK ROT. 8																	
METER RANGE		INCHES 100		POUNDS 1000		ATMOS. PRESS. 12.3		IS ATMOS. SET ON CHART? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				TYPE OF CHART USED <input checked="" type="checkbox"/> Sq. Root <input type="checkbox"/> Linear																			
METER READING		DEAD WEIGHT CHECK				STATIC				DIFFERENTIAL				TEMPERATURE				TIME LAG 2 hrs.													
		D. W. Press: 516				FOUND				LEFT				FOUND						LEFT											
		Atmos. Press: 12.3																													
				Static Pen Set: 528.3				528.3				528.3				4.65				4.75				107				101			

DIFFERENTIAL TEST								STATIC TEST											
FOUND				LEFT				D.W. METER				SQ. ROOT VALUE, AS LEFT							
UP		DOWN		UP		DOWN		FOUND		LEFT		$\sqrt{\frac{\text{Psia} \times 100}{\text{Rp}}} = 7.268$							
Test	Meter	Test	Meter	Test	Meter	Test	Meter	TEST	METER	TEST	METER								
%		%		%		%		Atmos.		Atmos.									
0	0	80	80	0	5	80		Line Press.	516	Line Press.	SAME								
10	10	60	60	10	AM	60		Full Range		Full Range									
30	30	40	40	30	E	40		THERMOMETER											
50	50	20	20	50		20						MAKE				BARTON			
70	70	0	0	70		0						RANGE				0 + 150 F			
90	90			90								FOUND				LEFT			
100	100			100								UP				DOWN			
								Test Therm	Rec. Therm	Test Therm	Rec. Therm	Test Therm	Rec. Therm	Test Therm	Rec. Therm	Test Therm	Rec. Therm		
								101	107			101	101						
								0	+6			0	0						

ORIFICE PLATE		SIZE 8 X 02.750		ORIFICE FITTING OR UNION		MAKE DANIEL		TYPE SR.		TAPS FLG.	
EDGES SHARP? YES		ORIFICE CONDITION <input type="checkbox"/> Damaged? <input checked="" type="checkbox"/> Dirty?		SERIAL NO. 814427		LINE SIZE 8"		ID 7.981			
MICRO HORIZONTAL 02.750		MICRO VERTICAL 02.750		METER TUBE Upstream ID: _____ Downstream ID: _____							

TELEMETERING																GRAVITY CALL: (801) 530-2788		ATMOS TEMP. 940	
DIFFERENTIAL								PRESSURE								REMARKS/CORRECTIONS ADJUST TEMP. OIL ON ORIFICE PLATE			
FOUND				LEFT				FOUND				LEFT							
UP		DOWN		UP		DOWN		UP		DOWN		UP		DOWN					
Test	Trans	Test	Trans	Test	Trans	Test	Trans	Test	Trans	Test	Trans	Test	Trans	Test	Trans				
%		%		%		%		%		%		%		%					
0	100	0	100	0	100	0	100	0	100	0	100	0	100						
25	75	25	75	25	75	25	75	25	75	25	75	25	75						
50	50	50	50	50	50	50	50	50	50	50	50	50	50						
75	25	75	25	75	25	75	25	75	25	75	25	75	25						
100	0	100	0	100	0	100	0	100	0	100	0	100	0						

QPC TESTER

 WITNESS

ESTAR PIPELINE COMPANY

MEASUREMENT EQUIPMENT INSPECTION REPORT

LOCATION NO. 000436				FED. LEASE NO. 1420-462-3010				COUNTY WINTAH				STATE UT.		DATE 8-20-91																	
STATION OR CUSTOMER CONOCO Mt. LION #34-2												TIME OF TEST 1:00 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM																			
ORIFICE METER		MAKE BARTON		SERIAL NO. 247958		TYPE 202A		CHART NO. L-10-100		STATIC CON. D.S.		PEN ARC 0.8		CLOCK ROT. 8																	
METER RANGE		INCHES 100		POUNDS 1000		ATMOS. PRESS. 12.4		IS ATMOS. SET ON CHART? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				TYPE OF CHART USED <input checked="" type="checkbox"/> Sq. Root <input type="checkbox"/> Linear																			
METER READING		DEAD WEIGHT CHECK				STATIC				DIFFERENTIAL				TEMPERATURE				TIME LAG													
		D. W. Press: 557				FOUND				LEFT				FOUND				LEFT				FOUND									
		Atmos. Press: 12.4																				FOUND									
		Static Pen Set: 569.4				569.4				569.4				3.35				3.2'S				111				106				2 HAS.	

DIFFERENTIAL TEST								STATIC TEST							
FOUND				LEFT				D.W. METER				SQ. ROOT VALUE, AS LEFT			
UP		DOWN		UP		DOWN		FOUND		LEFT		$\sqrt{\frac{\text{Psia} \times 100}{\text{Rp}}} = 7.545$			
Test	Meter	Test	Meter	Test	Meter	Test	Meter	TEST	METER	TEST	METER				
%		%		%		%		Atmos.		Atmos.					
0	0	80	80	0	0	80	80	Line Press.	557	Line Press.	557				
10	10	60	60	10	10	60	60	Full Range	988	Full Range	988				
30	30	40	40	30	30	40	40								
50	50	20	20	50	50	20	20								
70	70	0	0	70	70	0	0								
90	90			90	90										
100	100			100	100										

THERMOMETER							
MAKE BARTON							
RANGE 0 + 150 F				SERIAL NO.			
FOUND				LEFT			
UP		DOWN		UP		DOWN	
Test Therm	Rec. Therm	Test Therm	Rec. Therm	Test Therm	Rec. Therm	Test Therm	Rec. Therm
106	111			106	106		
0	+5			0	0		

ORIFICE PLATE		SIZE 2 X 00.375		ORIFICE FITTING OR UNION		MAKE PECO ROBINSON		TYPE SMA		TAPS FL6.	
EDGES SHARP? YES		ORIFICE CONDITION <input type="checkbox"/> Damaged? <input checked="" type="checkbox"/> Dirty?		SERIAL NO. 77-6182-46		LINE SIZE 2"		ID 2.067			
MICRO HORIZONTAL 00.375		MICRO VERTICAL 00.375		METER TUBE		Upstream ID:		Downstream ID:			

TELEMETERING																GRAVITY CALL: (801) 530-2788		ATMOS TEMP. 88°	
DIFFERENTIAL								PRESSURE								REMARKS/CORRECTIONS ADJUST TIME LAG ADJUST TEMP. GLYCOL ON ORIFICE PLATE			
FOUND				LEFT				FOUND				LEFT							
UP	DOWN	UP	DOWN	UP	DOWN	UP	DOWN	UP	DOWN	UP	DOWN	UP	DOWN	UP	DOWN				
Test	Trans	Test	Trans	Test	Trans	Test	Trans	Test	Trans	Test	Trans	Test	Trans	Test	Trans				
%		%		%		%		%		%		%		%					
0		100		0		100		0		100		0		100					
25		75		25		75		25		75		25		75					
50		50		50		50		50		50		50		50					
75		25		75		25		75		25		75		25					
100		0		100		0		100		0		100		0					



Exploration & Production
North America

Conoco Inc.
851 Werner Court
Casper, WY 82601
(307) 261-7800

September 19, 1991

Bureau of Land Management
170 South 500 East
Vernal, Utah 84078

RECEIVED

SEP 25 1991

DIVISION OF
OIL GAS & MINING

Gas Reports
Natural Buttes Field
File : FP-733-CF

Please find attached a copy of the most recent Meter Calibration, Chromatograph and/or Orifice Plate Change reports for the subject property in Uintah County, Utah.


85 21E 34
43 047 30338

Lease	Well No.	Federal Lease No.	Meter Calibration	Orifice Plate Change	Chromatograph
Serawop 4	13	14-20-H62-3701	X	X	N/A
Pinnacoose 6	3	14-20-H62-3028	X	X	N/A
Mtn. Lion 34	2	14-20-H62-3010	X	X	N/A
Federal 35	5	U-8621	X	N/A	N/A
Ankerpont 2	6	14-20-H62-3012	X	N/A	N/A
Ankerpont 31	12	14-20-H62-3007	X	N/A	N/A
Duncan Fed. 33	9	14-20-H62-3701	X	X	N/A
Pawwinnee 3	10	14-20-H62-3009	X	X	N/A
Hall 31	18	Fee	X	N/A	N/A
Jenks 5	11	14-20-H62-3008	X	N/A	N/A
Wissiuip 36	15	14-20-H62-3005	X	X	N/A
Ute Tribal 36	17	14-20-H62-2889	X	N/A	N/A
Tabbee 34	20	14-20-H62-2998	X	N/A	N/A
State 32	21	ML-22053	X	N/A	N/A

Bureau of Land Management
 Gas Reports
 Natural Buttes Field
 September 19, 1991
 Page 2

Lease	Well No.	Federal Lease No.	Meter Calibration	Orifice Plate Change	Chromatograph
Ice Friday 34	22	14-20-H62-2997	X	X	N/A
Snow Knight 4	23	14-20-H62-2942	X	X	N/A
Ute Tribal 35	16	14-20-H62-2870	X	X	N/A
Ute Tribal 35	19	14-20-H62-2888	X	X	N/A
Post 3	24	14-20-H62-3026	X	N/A	N/A
Weeks 6	29	14-20-H62-3021	X	N/A	N/A
Kurip 1	27	14-20-H62-3004	X	N/A	N/A
Wyasket 33	26	14-20-H62-2997	X	N/A	N/A
State 31	32	ML-28048	X	X	N/A
Ute Tribal 6	1	14-20-H62-2890	X	N/A	N/A
Black 6	35	14-20-H62-3021	X	X	X
Ankerpont 35	36	190175	X	X	N/A
Master Meter	--	N/A	X	N/A	N/A

Sincerely


 Mark G. Petrie
 Administrative Supervisor

yms

Attachment

cc: YMS, SJM, CF, BF
 UOGCC

RECEIVED

SEP 25 1991

DIVISION OF
 OIL GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT --" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Conoco Inc.

3. Address and Telephone No.

800 Werner Court Casper, Wy 82601 (307) 261-7800

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED MOUNTAIN LION 34-2
43-047-30338 Sec 34 T8S R21E

5. Lease Designation and Serial No.

SEE ATTACHED

6. If Indian, Allottee or Tribe Name

SEE ATTACHED

7. If Unit or CA, Agreement Designation

8. Well Name and No.

SEE ATTACHED

9. API Well No.

SEE ATTACHED

10. Field and Pool, or Exploratory Area
Natural Buttes
Wasatch

11. County or Parish, State
Uintah County

Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment ☐ Change of Plans
☐ Recompletion ☐ New Construction
☐ Plugging Back ☐ Non-Routine Fracturing
☐ Casing Repair ☐ Water Shut-Off
☐ Altering Casing ☐ Conversion to Injection
☒ Other ☐ Dispose Water

UPDATED SITE SECURITY DIAGRAMS (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached are updated site security diagrams for wells in the Natural Buttes Field.

RECEIVED

SEP 23 1993

DIVISION OF
OIL, GAS & MINING

BLM VERNAL(3), UOGCC(2), WELL FILE, SHUT IN FILE, NEE, VKA, BIC

14. I hereby certify that the foregoing is true and correct

Signed: Lydia Phillips

Title: SHEAR Director

Date: 21 Sep 93

(This space for Federal or State office use)

Approved by
Conditions of approval, if any:

Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side



— LEGEND —


- | | |
|--|----------------------------|
| | Oil Line |
| | Gas Line |
| | Water Line |
| | Relief Line (Pressure) |
| | Condensate Line |
| | Vent Line |
| | Drain Line |
| | Valve, Sealed Open |
| | Valve, Sealed Closed |
| | Valve, Locked Closed |
| | Meter |
| | Pump |
| | Bull Plug |
| | Blanking Cap or Flat Plug |
| | Flow Direction, Normal |
| | Lines crossing unconnected |

SITE SECURITY PLAN

Located at: Rangely Colorado, Field Office
and Casper Division Office - Casper, Wyoming

Location: NW /4 SE /4 Sec. 34, T. 8 S. -R. 21 E.

Lease No. 9C-0000179 Well No. _____

REVISIONS		CONOCO INC.	
By	Date		
G.L.H.	11-89	Casper Division	Production Dept.
		NATURAL BUTTES	
		Mountain Lion 34-2	
		County: Uintah	State: Utah
		Engineer: J.D. Polym, Lse. Opr.	Cont. Int. =
		Geologist:	Date: 12-86
		Draftsman: SGM Scale 	Date:
			Well Status:

NATURAL BUTTES FIELD

LEASE #	WELL NAME	WELL #	FOOTAGES	QTR/QTR	SECTION	TWNSHP	RANGE	COUNTY	API NUMBER
1420-H62-3021	BLACK 6	35	1822' FNL, 681' FEL	SE/NE	6	9S	21E	UINTAH	43-047-31872
1420-H62-3012	ANKERPONT 35	36	1453' FSL, 1359' FWL	NW/SW	35	8S	21E	UINTAH	43-047-31960
1420-H62-2870	CONOCO UTE TRIBAL 35-16	16	1666' FSL, 1426' FEL	NW/SE	35	8S	20E	UINTAH	43-047-30666
1420-H62-3012	CONOCO ANKERPONT ETAL 2	6	765' FNL, 1577' FWL	NE/NW	2	9S	21E	UINTAH	43-047-30572
1420-H62-3007	CONOCO ANKERPONT 31	12	1320' FSL, 1708' FEL	SW/SE	31	8S	21E	UINTAH	43-047-30699
1420-H62-3650	CONOCO BLUE FEATHER 4	30	1668' FSL, 986' FEL	NE/SE	4	9S	21E	UINTAH	43-047-31000
U-34358	CONOCO CESSPOOCH ETAL 5	14	799' FSL, 1404' FEL	SW/SE	5	9S	21E	UINTAH	43-047-30675
1420-H62-2997	CONOCO D M ICE FRI 34	22	1455' FSL, 689' FEL	NE/SE	34	8S	20E	UINTAH	43-047-30753
1420-H62-3701	CONOCO DUNCAN FEDERAL 33	9	1230' FSL, 1500' FEL	SW/SE	33	8S	21E	UINTAH	43-047-30643
U-8621	CONCO FED 35	5	1120' FNL, 1120' FWL	NW/NW	35	8S	21E	UINTAH	43-047-30563
FEE	CONOCO HALL ETAL 31	18	1308' FNL, 1286' FWL	NW/NW	31	8S	22E	UINTAH	43-047-30664
1420-H62-3008	CONOCO JENKS	11	510' FNL, 2095' FWL	NE/NW	5	9S	21E	UINTAH	43-047-30726
1420-H62-2942	CONOCO K SNOW KNIGHT 4	23	1257' FNL, 3796' FEL	NE/NW	4	9S	20E	UINTAH	43-047-30749
1420-H62-3004	CONOCO KURIP	27	271' FNL, 1354' FWL	NE/NW	1	9S	20E	UINTAH	43-047-30962
1420-H62-3010	CONOCO MTN LION ETAL 34	2	1871' FSL, 1302' FEL	NE/SE	34	8S	21E	UINTAH	43-047-30338
1420-H62-3701	CONOCO SERAWOP 4	13	1353' FNL, 1635' FWL	SE/NW	4	92	21E	UINTAH	43-047-30663
1420-H62-3028	CONOCO PINNACOOSE 6	3	1281' FNL, 2306' FWL	NE/NW	6	9S	21E	UINTAH	43-047-30428
1420-H62-3009	CONOCO PAWWINNEE ETAL 3	10	901' FNL, 1647' FWL	NE/NW	3	9S	21E	UINTAH	43-047-30662
1420-H62-3026	CONOCO POST 3	24	798' FNL, 1578' FWL	NE/NW	3	9S	20E	UINTAH	43-047-30804
ML-28048	CONOCO STATE 31	32	1130' FSL, 1200' FEL	SE/SE	31	8S	22E	UINTAH	43-047-906
ML-22052	CONOCO STATE 32	21	1848' FSL, 1256' FEL	NE/SE	32	8S	21E	UINTAH	43-047-30754
1420-H62-2998	CONOCO TABBEE 34	20	1239' FNL, 2160' FWL	NE/NW	34	8S	20E	UINTAH	43-047-30734
1420-H62-2890	CONOCO UTE TRIBAL 6	1	1124' FNL, 1003' FWL	NE/NW	6	9S	22E	UINTAH	43-047-30667
1420-H62-2888	CONOCO UTE TRIBAL 35-19	19	1637' FSL, 986' FEL	NE/SE	35	8S	21E	UINTAH	43-047-30665
1420-H62-2889	CONOCO UTE TRIBAL 36	17	1365' FSL, 1504' FEL	NW/SE	36	8S	21E	UINTAH	43-047-30682
1420-H62-3003	CONOCO WISSIUP	15	1890' FSL, 1328' FEL	NW/SE	36	8S	20E	UINTAH	43-047-30700
1420-H62-3021	CONOCO WEEKS 6	29	821' FSL, 998' FEL	SE/SE	6	9S	21E	UINTAH	43-047-30961
1420-H62-2994	CONOCO WYASKET	26	1803' FSL, 1763' FEL	NW/SE	33	8S	20E	UINTAH	43-047-30907

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

SEE ATTACHED

6. If Indian, Allottee or Tribe Name

SEE ATTACHED

7. If Unit or CA, Agreement Designation

8. Well Name and No.

SEE ATTACHED

9. API Well No.

SEE ATTACHED

10. Field and Pool, or Exploratory Area
Natural Buttes
Wasatch

11. County or Parish, State
Uintah County

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT --" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Conoco Inc.

3. Address and Telephone No.

800 Werner Court Casper, Wy 82601 (307) 261-7800

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

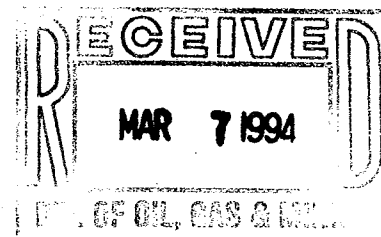
☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

UPDATED SITE SECURITY DIAGRAMS

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached are updated site security diagrams for wells in the Natural Buttes Field.



BLM-VERNAL (3), UOGCC (2), WELL FILE, NEE, YMS, BIC

14. I hereby certify that the foregoing is true and correct

E. Leon Grant

Signed: E. Leon Grant

Title:

SHEAR Director

Date:

3 Mar 94

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

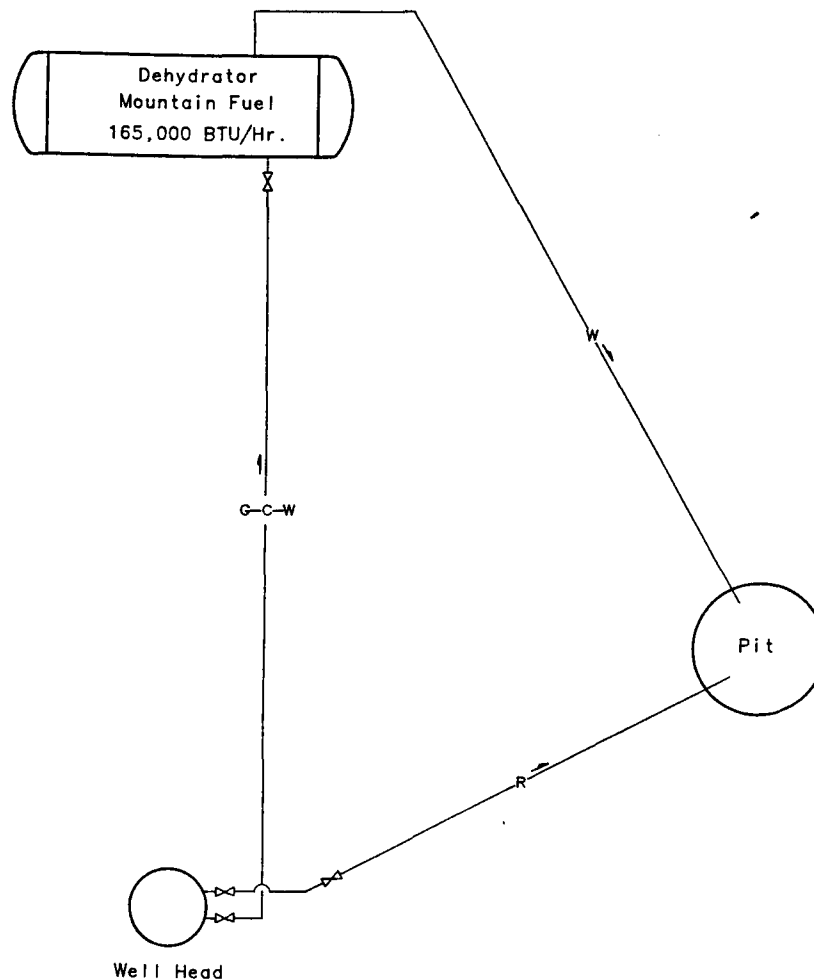
Date

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*See Instruction on Reverse Side

NATURAL BUTTES FIELD

LEASE #	WELL NAME	WELL #	FOOTAGES	QTR/QTR	SECTION	TWNSHP	RANGE	COUNTY	API NUMBER
1420-H62-3650	CONOCO BLUE FEATHER 4	30	1668' FSL, 986' FEL	NE/SE	4	9S	21E	UINTAH	43-047-31000
FEE	CONOCO HALL ETAL 31	18	1308' FNL, 1286' FWL	NW/NW	31	8S	22E	UINTAH	43-047-30664
U-8621	CONOCO FED 35	5	1120' FNL, 1120' FWL	NW/NW	35	8S	21E	UINTAH	43-047-30563
1420-H62-3028	CONOCO PINNACOOSE 6	3	1281' FNL, 2306' FWL	NE/NW	6	9S	21E	UINTAH	43-047-30428
1420-H62-3026	CONOCO POST 3	24	798' FNL, 1578' FWL	NE/NW	3	9S	20E	UINTAH	43-047-30804
1420-H62-2998	CONOCO TABBEE 34	20	1239' FNL, 2160' FWL	NE/NW	34	8S	20E	UINTAH	43-047-30734
1420-H62-3021	BLACK 6	35	1822' FNL, 681' FEL	SE/NE	6	9S	21E	UINTAH	43-047-31872
1420-H62-3012	ANKERPONT 35	36	1453' FSL, 1359' FWL	NW/SW	35	8S	21E	UINTAH	43-047-31960
1420-H62-2870	CONOCO UTE TRIBAL 35-16	16	1666' FSL, 1426' FEL	NW/SE	35	8S	20E	UINTAH	43-047-30666
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1420-H62-2942	CONOCO K SNOW KNIGHT 4	23	1257' FNL, 3796' FEL	NE/NW	4	9S	20E	UINTAH	43-047-30749
1420-H62-3008	CONOCO JENKS	11	510' FNL, 2095' FWL	NE/NW	5	9S	21E	UINTAH	43-047-30726
ML-22052	CONOCO STATE 32	21	1848' FSL, 1256' FEL	NE/SE	32	8S	21E	UINTAH	43-047-30754
1420-H62-3004	CONOCO KJRIP	27	271' FNL, 1354' FWL	NE/NW	1	9S	20E	UINTAH	43-047-30962
1420-H62-3003	CONOCO WISSIUP	15	1890' FSL, 1328' FEL	NW/SE	36	8S	20E	UINTAH	43-047-30700
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1420-H62-3009	CONOCO PAWWINNEE ETAL 3	10	901' FNL, 1647' FWL	NE/NW	3	9S	21E	UINTAH	43-047-30662
1420-H62-2888	CONOCO UTE TRIBAL 35-19	19	1637' FSL, 986' FEL	NE/SE	35	8S	21E	UINTAH	43-047-30665
1420-H62-2889	CONOCO UTE TRIBAL 36	17	1365' FSL, 1504' FEL	NW/SE	36	8S	21E	UINTAH	43-047-30682
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1420-H62-2994	CONOCO WYASKET	26	1803' FSL, 1763' FEL	NW/SE	33	8S	20E	UINTAH	43-047-30907
1420-H62-2890	CONOCO UTE TRIBAL 6	1	1124' FNL, 1003' FWL	NE/NW	6	9S	22E	UINTAH	43-047-30667



LEGEND

- O — Oil Line
- W — Water Line
- G — Gas Line
- C — Condensate Line
- D — Drain Line
- R — Press. Relief Line
- V — Vent Line
- E — Emulsion Line
- S — Skim Line
- BO — Bad Oil Line
- OF — Overflow Line
- Valve
- Valve, Check
- Valve, Sealed Open
- Valve, Sealed Closed
- Meter
- Pump
- Flow Direction, Normal
- Lines Crossing, Unconnected
- Bull Plug

SITE SECURITY PLAN

Located at: Rangely Colorado Field Office
and Casper Division Office - Casper, Wyoming

Location: NW/4 SE/4 Sec. 34, T. 8 S. - R. 21 E.

Lease No. 9C-0000179 Well No. _____

REVISIONS		CONOCO	
By	Date	Casper Division	Production Dept.
J.C.F.	2-94		
		NATURAL BUTTES Mountain Lion 34-2	
		County: Uintah	State: Utah
		Engineer: J.D. Polya, Lic. Opr.	Date: 10-86
		Drafter: MDA	Not To Scale

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-H62-3010

6. If Indian, Allottee or Tribe Name

UINTAH & OURAY

7. If Unit or CA, Agreement Designation

9C - 178

8. Well Name and No.

Conoco Mtn Lion EtAl 34
WELL # 2

9. API Well No.

43-047-30338

10. Field and Pool, or Exploratory Area

WASATCH/MESA VERDE

11. County or Parish, State

Uintah County, Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT --" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

CONOCO INC.

3. Address and Telephone No.

10 DESTA DR. STE 100W, MIDLAND, TX. 79705 (915) 686 - 5424

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SURFACE: 1871' FSL, & 1302' FEL (NE/SE), SEC. 34, T 8S, R 21E
TD:

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

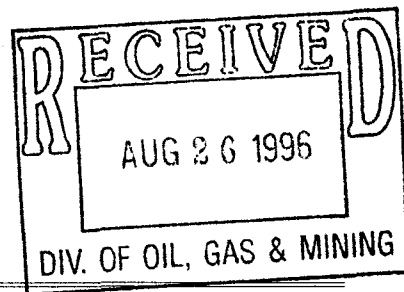
- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Frac Mesa Verde & Downhole Commingle
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

CONOCO PLANS TO FRAC THE MESA VERDE IN THE ABOVE LISTED WELL, PER THE ATTACHED WORK SUMMARY. WE ARE ALSO REQUESTING PERMISSION TO DOWNHOLE COMMINGLE THE WASATCH AND THE MESA VERDE PRODUCTION UPON COMPLETION TO THE ABOVE WORK.

WE ARE REQUESTING PERMISSION TO HAVE THIS WELL SHUT-IN FOR A PERIOD OF AT LEAST 30 DAYS WHILE THE WORK IS BEING DONE, TESTED AND EVALUATED.



BLM-VERNAL (3), BIA(1) UOFC (2), DAP, BRK, SAB, WELL FILE

14. I hereby certify that the foregoing is true and correct

Signed

Bill R. Keathly

Sr. Regulatory Specialist

Date

8-22-96

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See Instruction on Reverse Side**

MOUNTAIN LION 34-2

Proposed Work Summary:

1. Drill out Cast Iron Bridge Plug at 8015'.
2. Frac Mesa Verde down tubing using retrievable bridge plug and packer in the following zones:

Frac # 1

9913' - 9923'

9840' - 9850' (New Perforations)

Frac # 2

9255' - 9272' (New Perforations)

9206' - 9220'

9117' - 9133.5'

Frac # 3

8643' - 8650' (New Perforations)

8583' - 8597.5'

8519' - 8530.5'

8421' - 8424.5'

Note: All frac fluid will contain 2% KCl water and will be a cross-linked borate gel loaded at 40lb/1000 gallons water. Proppant will be either a sand or intermediate strength proppant and each frac will contain between 150,000 lbs to 500,000 lbs of proppant.

3. Run in hole with production tubing. Swab well and commingle production from Wasatch and Mesa Verde.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

CONOCO INC.

3. Address and Telephone No.

10 DESTA DR. STE. 100W, MIDLAND, TX. 79705-4500 (915) 686-5424

4. Location of Well (Footage, Sec., T. R. M. or Survey Description)

1871" FSL & 1302; FEL, (NE/SE), Sec. 34, T 8S, R 21E

5. Lease Designation and Serial No.

14-20-H62-3010

6. If Indian, Allottee or Tribe Name

Uintah & Ouray

7. If Unit or CA, Agreement Designation

9C - 000178

8. Well Name and No.

Conoco Mtn Lion etal 34, Well #2

9. API Well No.

43-047-30338

10. Field and Pool, or Exploratory Area

Wasatch/Mesaverde

11. County or Parish, State

Uintah, Utah

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Repon
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other commingle

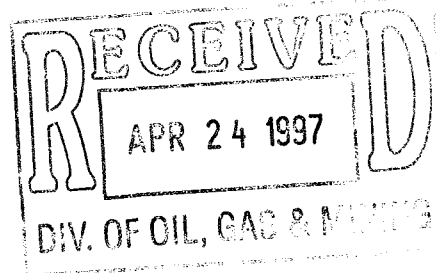
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracrunng
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Repon result of multiple completion WdI
Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

12-3-96 MIRU Colorado Well Service. Kill well W/ 2% KCL water. GIH release packer, POOH W/ packer & tbg. GIH W/ 4 3/4" bit, 4 1/4" junk basket, tag fill @ 7209'. Rig up foam unit & establish circulation, clean fill from 7209' to 7273', circ hole clean. Clean out fill from 7273' to 7357, circ. hole clean. GIH W/ bit tagged fill @ 7357', established circ and clean fill down to 7754'. Drilled hard sand from 7432 to 7452' circulated hole clean. GIH W/ bit tag fill @ 7754', clean fill down to BP @ 8015', circ. hole clean. Drilled out CIBP @ 8015', circ. hole clean, tagged PBDT @ 9563', POOH. GIH W/ Arrow Model PDQ-X 10,000# CIBP, set @ 9400'. GIH W/ 2 3/8" J-55 tubing set @ 6881.33'.

2-12-97 RDMO. Leave well shut-in waiting on Engineering evaluation.



14. I hereby certify that the foregoing is true and correct

Signed

Bill R. Keathly

Title

Bill R. Keathly
Sr. Regulatory Specialist

Date

4-16-97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval if any:

BLM(3), UOFC(2), BIA(1) BRK, PONCA, TJK, FILE ROOM

WO tax credit - 6/97

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

MOUNTAIN LION 34-2

Proposed Work Summary:

1. Drill out Cast Iron Bridge Plug at 8015'.
2. Frac Mesa Verde down tubing using retrievable bridge plug and packer in the following zones:

Frac # 1

9913' - 9923'

9840' - 9850' (New Perforations)

Frac # 2

9255' - 9272' (New Perforations)

9206' - 9220'

9117' - 9133.5'

Frac # 3

8643' - 8650' (New Perforations)

8583' - 8597.5'

8519' - 8530.5'

8421' - 8424.5'

Note: All frac fluid will contain 2% KCl water and will be a cross-linked borate gel loaded at 40lb/1000 gallons water. Proppant will be either a sand or intermediate strength proppant and each frac will contain between 150,000 lbs to 500,000 lbs of proppant.

3. Run in hole with production tubing. Swab well and commingle production from Wasatch and Mesa Verde.

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

CANDY FRIZZELL
 CONOCO INC
 1000 S PINE RM 565-1 NT
 PONCA CITY OK 74602-1267

UTAH ACCOUNT NUMBER: N0260REPORT PERIOD (MONTH/YEAR): 10 / 98AMENDED REPORT ☐ (Highlight Changes)

Well Name API Number	Entry	Location	Producing Zone	Well Status	Days Oper	Production Volumes		
						OIL(BBL)	GAS(MCF)	WATER(BBL)
PINNACOOSE 6 #3 4304730428 00055 09S 21E 6			WSTC			14-20-H62-3028	CA# 9C-179	√(2.22.99)
MNT LION ETAL 34 #2 4304730338 00060 08S 21E 34			WSTC			14-20-H62-3010	CA# 9C-178	√(2.22.99)
FED 35 #5 4304730563 00070 08S 21E 35			WSTC		fed	U-8621	CA# NRM-1604	√(1.29.99)
ANKERPONT ETAL 2 #6 4304730572 00075 09S 21E 2			WSTC			14-20-H62-3012	CA# 9C-187	√(1.29.99)
DUNCAN FED 33 #9 4304730643 00080 08S 21E 33			WSTC			14-20-H62-3101	CA# NRM-1705	√(4.28.99)
PAWINNEE ETAL 3 #10 4304730662 00085 09S 21E 3			WSTC			14-20-H62-3009	CA# 9C-186	√(2.22.99)
CESSPOOCH ETAL 5 #14 4304730675 00090 09S 21E 5			WSTC		fed	UTU-34358	CA# CR-4	√(2.22.99)
HALL ETAL 31 #18 4304730664 00095 08S 22E 31			WSTC		fee		CA# NRM-1887	√(1.29.99)
JENKS ETAL 5 #11 4304730726 00100 09S 21E 5			WSTC			14-20-H62-3008	CA# 9C-183	√(2.22.99)
WISSIUP ETAL 36 #15 4304730700 00105 08S 20E 36			WSTC			14-20-H62-3003	CA# CR-I-219	√(2.22.99)
UTE TRIBAL 36 #17 4304730682 00110 08S 21E 36			WSTC			14-20-H62-2889	CA# 9C-205	√(1.29.99)
TABBEE 34 #20 4304730734 00115 08S 20E 34			WSTC			14-20-H62-2998	CA# 9C-207	√(2.22.99)
STATE 32 #21 4304730754 00120 08S 21E 32			WSTC		ST	ML-22052	CA# 9C-204	√(1.29.99)
TOTALS								

COMMENTS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells deepen existing wells or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER: _____		5. Lease Designation and Serial Number: 14-20-H62-3010
2. Name of Operator: Conoco Inc.		6. If Indian Allottee or Tribe Name: Uintah & Ouray
3. Address and Telephone Number: 10Desta Dr. Ste 100W, Midland, Tx. 79705-4500 (915) 686-5424		7. Unit Agreement Name: 9C - 178
4. Location of Well Footages: 1871' FSL & 1302' FEL QQ, Sec. T, R, M (NE/SE) Sec. 34, T 8S, R 21E		8. Well Name and Number: Conoco Mtn Lion etal 34, # 2
		9. API Well Number: 43-047-30338
		10. Field and Pool or Wildcat: Wasatch
		County: Uintah State: Ut

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
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| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other _____ | Transfer of Operator |

Date of work completion _____

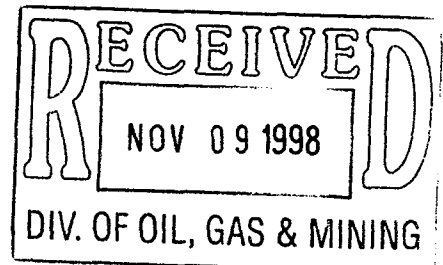
Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details and give pertinent dates. If well is directionally drilled give subsurface formations and measured and true vertical depths for all markers and zones pertinent to this work)

Conoco has sold this well to Coastal Oil & Gas Corporation effective November 2, 1998.

Coastal Oil & Gas Corporation state operator number is N0230, and their Blanket Bond number is 102103.



13. Name & Signature: Bill R. Keathly Title: Sr. Regulatory Specialist Date: 11-2-98
Bill R. Keathly

(This space for State use only)

Dist; State(3), BRK, TJK, Ponca, File Rm.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☒ OTHER: _____

2. Name of Operator:

Coastal Oil & Gas Corporation

3. Address and Telephone Number:

Nine Greeway Plaza, Houston, TX 77046-0995

4. Location of Well

Footages:

1871' FSL & 1302' FEL

QQ, Sec, T, R, M

(NE/SE) Sec. 34, T 8S, R 21E

5. Lease Designation and Serial Number:

14-20-H62-3010

6. If Indian Allottee or Tribe Name:

Uintah & Ouray

7. Unit Agreement Name:

9C - 178

8. Well Name and Number:

Conoco Mtn Lion ETAL 34, #2

9. API Well Number:

43-047-30338

10. Field and Pool or Wildcat:

Wasatch

County: Uintah

State: Ut

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
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| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other _____ | Transfer of Operator |

Date of work completion _____

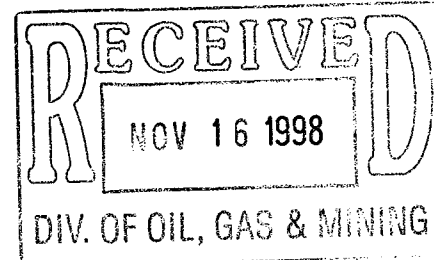
Report results of Multiple Completions and Recompletions to different reservoirs on WELL
COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details and give pertinent dates. If well is directionally drilled give subsurface formations and measured and true vertical depths for all markers and zones pertinent to this work)

Effective November 2, 1998, Coastal Oil & Gas Corporation has assumed operations of the above listed well from Conoco Inc.

Coastal's state Operator Number is N 0230 and the Blanket bond number is 102103.



13.

Name & Signature: _____

M. D. Ernest

Title

Technical Manager

Date

11/16/98

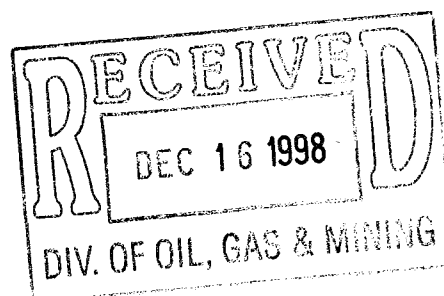
(This space for State use only)

United States Environmental Protection Agency
Region VIII
999 18th Street - Suite 500
Denver, Colorado 80202-2466

December 11, 1998

ATTN: Mr. Dan Jackson, Environmental Specialist
Mail Code: 8P-W-GW

Re: Request for Minor Modification
EPA Permit No. UT2718-03784
Natural Buttes #159
Uintah County, Utah



Dear Mr. Jackson:

Coastal Oil and Gas Corporation requests a minor modification to the referenced permit, allowing injection disposal of produced water from additional oil/gas wells. Produced water from the following wells will be injected:

Well Name	Legal Location	Producing Formation	Monthly Volume(hbbls)
Ankerpont 35 #36	35-8S-21E	Wasatch	15
Black 6 #35	6-9S-21E	Wasatch	38
Ankerpont 31 #12	31-8S-21E	Wasatch	9
Ankerpont etal 2 #6	2-9S-21E	Wasatch	30
Blue Feather 4 #30	4-9S-21E	Wasatch	3
Cesspooch etal 5 #14	5-9S-21E	Wasatch	18
DM Ice Fri 34 #22	34-8S-20E	Wasatch	6
Duncan Federal 33 #9	33-8S-21E	Wasatch	61
Federal 35 #5	35-8S-21E	Wasatch	8
Hall etal 31 #18	31-8S-22E	Wasatch	15
Jenks #11	5-9S-21E	Wasatch	30
K Snow Knight 4 #23	4-9S-20E	Wasatch	38
Kurip #27	1-9S-20E	Wasatch	15
Mtn Lion etal 34 #2	34-8S-21E	Wasatch	152
Pawwinnee etal 3 #10	3-9S-21E	Wasatch	30

<u>Well Name</u>	<u>Legal Location</u>	<u>Producing Formation</u>	<u>Monthly Volume(bbls)</u>
Pinnacoose 6 #3	6-9S-21E	Wasatch	5
Post 3 #24	3-9S-20E	Wasatch	12
Serawop 4 #13	4-9S-21E	Wasatch	30
State 31 #32	31-8S-22E	Wasatch	46
State 32 #21	32-8S-21E	Wasatch	30
Tabbee 34 #20	34-8S-20E	Wasatch	8
Ute Tribal 35 #19	35-8S-21E	Wasatch	30
Ute Tribal 35-16 #16	35-8S-20E	Wasatch	5
Weeks 6 #29	6-9S-21E	Wasatch	21
Wissiuip #15	36-8S-20E	Wasatch	3
Wyasket #26	33-8S-20E	Wasatch	38
Pawwinnee 34 #49	34-8S-21E	Wasatch	30

Total Water Production = 729 bbl/month

Currently there is no water production from the following wells. However, should they begin producing water Coastal requests permission for injection disposal.

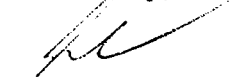
<u>Well Name</u>	<u>Legal Location</u>	<u>Producing Formation</u>	<u>Monthly Volume(bbls)</u>
Black #44	5-9S-21E	Wasatch	0
State 35 #52	35-8S-21E	Green River	0
Ute Tribal 36 #17	36-8S-21E	Wasatch	0
Ute Tribal 6 #1	6-9S-22E	Wasatch	0
Federal 31 #57	31-8S-21E	Green River	0
Hall 30 #58	30-8S-22E	Green River	0
Shoyo 37 #37A	3-9S-21E	Wasatch	0
Tribal 1 #54	1-9S-21E	Green River	0
Tribal 2 #50	2-9S-21E	Green River	0
Tribal 31 #55A	31-8S-22E	Green River	0
Tribal 35 #51	35-8S-21E	Green River	0
Tribal 36 #53	36-8S-21E	Green River	0
Tribal 6 #56	6-9S-22E	Green River	0

Attached to this application are three produced water analyses from the Conoco Jenks 5-11 (Wasatch), Conoco Mt. Lion 34-2 (Mesa Verde/Wasatch) and Conoco Tribal 31-55A (Upper Green River) wells. We believe these water analysis characterize the waters proposed for injection.

Our review of the water analyses indicates there is no potential for damage to the wellbore, the annular cement or the injection formation.

Your prompt review of this application would be greatly appreciated. Should you have need of additional information or have questions regarding this application, please do not hesitate to call (303-730-2500).

Yours truly,



Jim Kenney, PG 547
Environmental Engineer

cc: Elayne Willie, Environmental Director
Ute Indian Tribe
P.O. Box 190
Fort Duchesne, Utah 84026

Jerry Kenczka
BLM-Vernal District
170 South 500 East
Vernal, Utah 84078

Gilbert Hunt
State of Utah Natural Resources
Division of Oil, Gas and Mining
1594 West North Temple
Suite 1210
P.O.Box 145801
Salt Lake City, Utah 84114-5801

Sheila Bremer
Coastal oil & Gas Corporation
600 Seventeenth Street
Suite 800 South
Denver, Co. 80201-0749

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WATER ANALYSIS REPORT

Company Coastal Address _____ Date 10-28-98

Source Conoco Mt. Lion 34-2 Date Sampled 10-22-98 Analysis No. _____

Mesa Verde/Wasatch 4304720338
8521234

	Analysis	mg/l(ppm)	*Mg/l
1. PH	<u>7.3</u>		
2. H ₂ S (Qualitative)	<u>.5</u>		
3. Specific Gravity	<u>1.020</u>		
4. Dissolved Solids		<u>23,770</u>	
5. Alkalinity (CaCO ₃)	CO ₃	<u>0</u>	+ 30 <u>0</u> CO ₃
6. Bicarbonate (HCO ₃)	HCO ₃	<u>490</u>	+ 61 <u>8</u> HCO ₃
7. Hydroxyl (OH)	OH	<u>0</u>	+ 17 <u>0</u> OH
8. Chlorides (Cl)	Cl	<u>14,200</u>	+ 35.5 <u>399</u> Cl
9. Sulfates (SO ₄)	SO ₄	<u>0</u>	+ 48 <u>0</u> SO ₄
10. Calcium (Ca)	Ca	<u>800</u>	+ 20 <u>40</u> Ca
11. Magnesium (Mg)	Mg	<u>122</u>	+ 12.2 <u>10</u> Mg
12. Total Hardness (CaCO ₃)		<u>2,500</u>	
13. Total Iron (Fe)		<u>16</u>	
14. Manganese		<u>1.3</u>	
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

Compound	Equlv. Wt.	X	Mg/l	=	Mg/l
Ca(HCO ₃) ₂	81.04	<u>8</u>			<u>648</u>
CaSO ₄	88.07				
CaCl ₂	55.50	<u>32</u>			<u>1,776</u>
Mg(HCO ₃) ₂	73.17				
MgSO ₄	80.19				
MgCl ₂	47.62	<u>10</u>			<u>476</u>
NaHCO ₃	84.00				
Na ₂ SO ₄	71.03				
NaCl	58.46	<u>357</u>			<u>20,870</u>

Saturation Values

Distilled Water 20°C

CaCO ₃	13 Mg/l
CaSO ₄ · 2H ₂ O	2,090 Mg/l
MgCO ₃	103 Mg/l

REMARKS Solids; Paraffin 25%, CaCO₃ 61%, Fe 14%

memorandum

TE: December 23, 1998

TO OF: Acting Superintendent, Uintah and Ouray Agency *jm*

CT: Concurrence for Approval for Change of Operator

TO: Bureau of Land Management, Vernal District

Transmitted herewith for your records is an approved Designation of Successor Operator for a Communitization Agreement, and Coastal Oil and Gas Corp. will be the operator for the following location:

OPERATOR - FROM: Conoco, Inc.
TO: Coastal Oil & Gas Corp.

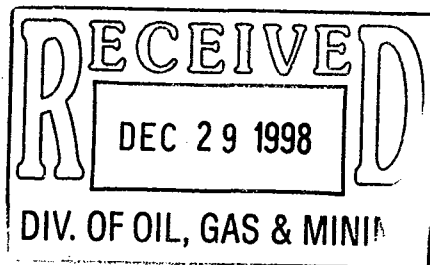
CA No.	Location	Legal	Acres
9C-182	35-T 9 S-R21E	S/2	320.0

The enclosed instruments are approved as of the date of this letter. Coastal's BIA Bond will be used to cover all CA operations. All well's within the CA area are responsibility of the new CA operator.

If you have any questions, please contact this office.



cc: Jerry Kenczka, BLM/Vernal
Lisha Cordova, DOGM/State of Utah
Theresa Thompson, BLM/SLC State Office
Ute Indian Tribe Energy & Minerals



Designation of Successor Operator for communitized area, County of Uintah, State of Utah, being:

TOWNSHIP 8 South, RANGE 21 East, USB&M/SLB&M
SECTION: S/2 35
Containing 320.0 acres, more or less.

This indenture, dated as of the 23rd day of December, 19 98, by and between Coastal Oil & Gas Corporation, designated as "First party", and the owners of communitized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 3, 1946, 60 Stat. 950, a Communitization Agreement for the Above Communitized Area, effective 5/1/78, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereof; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communitized Area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on 6/30/93

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promises hereinafter stated, the First Party hereby covenants and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant and agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

ATTEST
Witness
By: Donald H. Spore
Witness

Coastal Oil & Gas Corporation

(FIRST PARTY)

By: W. L. Donnelly
W. L. Donnelly, Vice President

(SECOND PARTIES)

By: _____

By: _____

By: _____

By: _____

ATTEST
By: _____

ATTEST
By: _____

I hereby approve the foregoing indenture designating Coastal Oil & Gas Corporation as Operator under the Communitization Agreement for the above location, this 23rd day of DECEMBER, 19 98.

Acting

[Signature]
Superintendent, Uintah and Ouray Agency
Bureau of Indian Affairs
Fort Duchesne, Utah



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

IN REPLY REFER TO
UT-931

January 7, 1999

Coastal Oil & Gas Corporation
Attn: Donald H. Spicer
Coastal Tower
Nine Greenway Plaza
Houston, Texas 77046-0995

Re: Successor of Operator
Communitization Agreement (CA)
NRM-1604
Uintah County, Utah

Gentlemen:

We received an indenture dated December 23, 1998, whereby Conoco, Inc. resigned as Operator and Coastal Oil and Gas Corporation was designated as Operator for CA NRM-1604, Uintah County, Utah.

This indenture was executed by all required parties. The instrument is hereby approved effective January 7, 1999. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under CA NRM-1604.

Your nationwide (Wyoming) oil and gas bond No. 2793 will be used to cover CA operations.

Please advise all interested parties of the change in operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Vernal (w/enclosure)

~~Division Oil, Gas, & Mining~~

File - NRM-1604 (w/enclosure)

MMS - Data Management Division

Agr. Sec. Chron/Fluid Chron

UT931:TATHOMPSON:tt:1/7/99

Page No. 1
01/07/99

Well Status Report
Utah State Office
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	R
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** Inspection Item: NRM1604

UTU8621	4304730563	35-5 CONOCO-FEDERAL	NWNW	35	T 8S	R
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memorandum

DATE: January 8, 1999

REPLY TO
ATTN OF: Acting Superintendent, Uintah and Ouray Agency

SUBJECT: Concurrence for Approval for Change of Operator

TO: Bureau of Land Management, Vernal District

Transmitted herewith for your records is an approved Designation of Successor Operator for a Communitization Agreement, and Coastal Oil and Gas Corp. will be the operator for the following location:

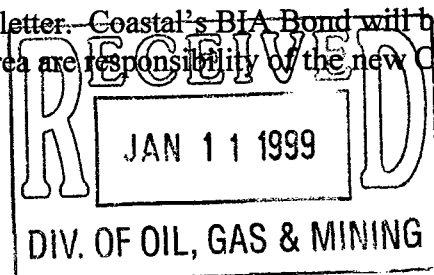
OPERATOR - FROM: Conoco, Inc.
TO: Coastal Oil & Gas Corp.

CA No.	Location	Legal	Acres
9C-187	2-T9S-R21E	N/2	326.64
UTU-76246	1-T9S-R21E	N/2	331.59

The enclosed instruments are approved as of the date of this letter. Coastal's BIA Bond will be used to cover all CA operations. All well's within the CA area are responsibility of the new CA operator.

If you have any questions, please contact this office.

cc: Jerry Kenczka, BLM/Vernal
Lisha Cordova, DOGM/State of Utah
Theresa Thompson, BLM/SLC State Office
Ute Indian Tribe Energy & Minerals



DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number: 9C-000187

Designation of Successor Operator for communitized area, County of Uintah, State of Utah, being:

TOWNSHIP 9 South, RANGE 21 East, USB&M/SLB&M
SECTION: N/2 Section 2
Containing 326.64 acres, more or less.

This indenture, dated as of the 4th day of January, 1999, by and between Coastal Oil & Gas Corporation, hereinafter designated as "First party", and the owners of communitized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the Above Communitized Area, effective 5/1/78, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms hereon; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communitized Area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on 6/30/93.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promises hereinafter states, the First Party hereby covenants and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant and agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

Witness

Witness

Coastal Oil & Gas Corporation

FIRST PARTY

By: W. L. Donnelly
W. L. Donnelly, Vice President

(SECOND PARTIES)

By: _____

By: _____

By: _____

By: _____

I hereby approve the foregoing indenture designating Coastal Oil & Gas Corporation as Operator under the Communitization Agreement for the above location, this 8th day of January, 1999.

Charles H. Cameron
Superintendent, Uintah and Ouray Agency
Bureau of Indian Affairs
Fort Duchesne, Utah

DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number: UTU-76246

Designation of Successor Operator for communitized area, County of Uintah, State of Utah, being:

TOWNSHIP 9 S, RANGE 21E, USB&M/SLE&M
SECTION: N/2 Section 1

Containing 320 331.58 acres, more or less.

This indenture, dated as of the 30th day of December, 19 8, by and between Coastal Oil & Gas Corporation, hereinafter designated as "First party", and the owners of communitized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 131, et seq., as amended by the Act of August 3, 1946, 60 Stat. 950, Communitization Agreement for the Above Communitized Area, effective 8/22/97, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms hereon; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communitized Area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on 6/30/93.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promises hereinafter states, the First Party hereby covenants and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant and agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

Donald H. Spier
Witness

Witness

Coastal Oil & Gas Corporation

(FIRST PARTY)

By: W. L. Donnelly
W. L. Donnelly, Vice President

(SECOND PARTIES)

By: _____

By: _____

By: _____

By: _____

TEST

y: _____

TEST

y: _____

I hereby approve the foregoing indenture designating Coastal Oil & Gas Corporation as Operator under the communitization Agreement for the above location, this 8th day of January, 19 99.

Charles H. Cameron
Superintendent, Uintah and Ouray Agency
Bureau of Indian Affairs
Fort Duchesne, Utah

memorandum

DATE: January 20, 1999

REPLY TO
ATTN OF: Acting Superintendent, Uintah and Ouray Agency

SUBJECT: Concurrence for Approval for Change of Operator

TO: Bureau of Land Management, Vernal District

Transmitted herewith for your records is an approved Designation of Successor Operator for a Communitization Agreement, and Coastal Oil and Gas Corp. will be the operator for the following location:

OPERATOR - FROM: Conoco, Inc.
TO: Coastal Oil & Gas Corp.

CA No.	Location	Legal	Acres
9C-000205	36-T8S-R21E	S/2	320.0

The enclosed instruments are approved as of the date of this letter. Coastal's BIA Bond will be used to cover all CA operations. All well's within the CA area are responsibility of the new CA operator.

If you have any questions, please contact this office.

Charles H. Cameron

cc: Jerry Kenczka, BLM/Vernal
Lisha Cordova, DOGM/State of Utah
Theresa Thompson, BLM/SLC State Office
Ute Indian Tribe Energy & Minerals

DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number: 9C-000205

PAGE 2/2

Designation of Successor Operator for communized area, County of Uintah, State of Utah, being:

TOWNSHIP 8 South, RANGE 21 East, USB&M/SLB&M
SECTION: S/2 Section 36
Containing 320.00 acres, more or less.

This indenture, dated as of the 4th day of January, 19 99, by and between Coastal Oil & Gas Corporation, hereinafter designated as "First party", and the owners of communized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the Above Communized Area, effective 4/14/80, wherein Conoco, Inc. is designated as Operator of the communized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms hereon; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communized Area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on 6/30/93.

NOW, THEREFORE, in consideration of the promises hereinbefore set forth and the promises hereinafter states, the First Party hereby covenants and agrees to fulfill the duties and assume the obligations of Operator of the communized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant and agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

WITNESS

WITNESS

WITNESS

WITNESS

Coastal Oil & Gas Corporation

FIRST PARTY

By: W. L. Donnelly
W. L. Donnelly, Vice President

CHANDLER & ASSOCIATES, LLC

By: Mitchell L. Solich
Mitchell L. Solich - President

By: _____

By: _____

By: _____

TEST

y: _____

TEST

y: _____

I hereby approve the foregoing indenture designating Coastal Oil & Gas Corporation as Operator under the communitization Agreement for the above location, this 20th day of January, 19 99.

Acting Charles H. Cameron
Superintendent, Uintah and Ouray Agency
Bureau of Indian Affairs
Fort Duchesne, Utah



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

IN REPLY REFER TO
UT-931

February 2, 1999

Coastal Oil & Gas Corporation
Attn: Donald H. Spicer
Coastal Tower
Nine Greenway Plaza
Houston, TX 77046-0995

Re: Successor of Operator
Communitization Agreement (CA)
NRM-1887
Uintah County, Utah

Gentlemen:

We received an indenture dated January 27, 1999, whereby Conoco, Inc. resigned as Operator and Coastal Oil & Gas Corporation was designated as Operator for CA NRM-1887, Uintah County, Utah.

This indenture was executed by all required parties. The instrument is hereby approved effective February 2, 1999. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under CA NRM-1887.

Your nationwide (Wyoming) oil and gas bond No. 2793 will be used to cover CA operations.

Please advise all interested parties of the change in operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Vernal (w/enclosure)

~~DIVISION OF OIL, GAS & MINING~~

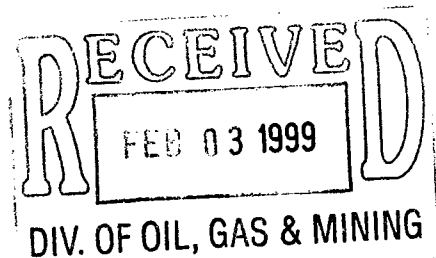
File - NRM-1887 (w/enclosure)

MMS - Data Management Division

Agr. Sec. Chron

Fluid Chron

UT931:TATHOMPSON:tt:2/2/99



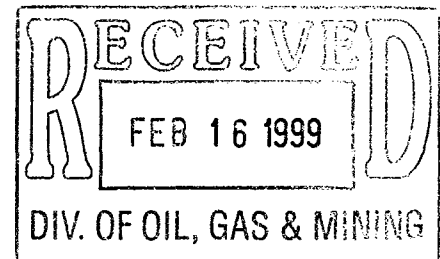
Page No. 1
02/02/99

Well Status Report
Utah State Office
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
** Inspection Item: NRM1887								
FEE	4304730664	31-18 HALL ET AL	NWNW	31	T 8S	R22E	PGW	CONOCO INCORPORATED
UTU43919	4304732716	FEDERAL 31-57	SENE	31	T 8S	R22E	PGW	CONOCO INCORPORATED

UNITED STATES GOVERNMENT
memorandum

DATE: February 11, 1999
REPLY TO
ATTN OF: Acting Superintendent, Uintah and Ouray Agency
SUBJECT: Concurrence for Approval for Change of Operator
TO: Bureau of Land Management, Vernal District



Transmitted herewith for your records is an approved Designation of Successor Operator for a Communitization Agreement, and Coastal Oil and Gas Corp. will be the operator for the following location:

OPERATOR - FROM: Conoco, Inc.
TO: Coastal Oil & Gas Corp.

CA No.	Location	Legal	Acres
CR-172	33-8S-20E	S/2	317.60
9C-207	34-8S-20E	N/2	316.96
9C-208	34-8S-20E	S/2	320.0
9C-184	35-8S-20E	S/2	320.0
CR-I-219	36-8S-20E	S/2	320.0
9C-209	31-8S-21E	S/2	318.29
9C-178	34-8S-21E	S/2	320.0
9C-210	3-9S-20E	N/2	322.26
9C-191	4-9S-20E	N/2	305.06
UTU-76246	1-9S-21E	N/2	320.0
9C-187	2-9S-21E	N/2	326.64
9C-186	3-9S-21E	N/2	323.40
9C-183	5-9S-21E	N/2	314.21
CR-4	5-9S-21E	S/2	320.0
9C-179	6-9S-21E	N/2	341.38
CR-12	6-9S-22E	N/2	306.09

The enclosed instruments are approved as of the date of this letter. Coastal's BIA Bond will be used to cover all CA operations. All well's within the CA area are responsibility of the new CA operator.

If you have any questions, please contact this office.

Charles H. Cameron

cc: Jerry Kenczka, BLM/Vernal
Lisha Cordova, DOGM/State of Utah
Theresa Thompson, BLM/SLC State Office
Ute Indian Tribe Energy & Minerals

DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number UTU-76246

Designation of successor Operator for cummunitized area,
County of Uintah, State of Utah, being:

Township 9 South, Range 21 East
Section N/2 Section 1
Containing 320.00 acres, more or less.

THIS INDENTURE, dated as of the 4th day of January,
1999 by and between Coastal Oil & Gas Corporation, hereinafter
designated as "First Party," and the owners of communitized
working interests, hereinafter designated as "Second Parties,"

WHEREAS, under the provisions of the Act of February 25,
1920, 41 Stat. 437, 30 U.S.C. Secs. 181, et seq., as amended by
the Act of August 8, 1946, 60 Stat. 950, a Communitization
Agreement for the above Communitized Area, effective June 30,
1993 wherein Conoco, Inc. is designated as
Operator of the communitized area; and

WHEREAS said, Conoco, Inc. has resigned as
Operator, and the designation of a successor Operator is now
required pursuant to the terms thereon; and

WHEREAS the First Party has been and hereby is designated by
Second Parties as Operator of the communitized area, and said
First Party desires to assume all the rights, duties and
obligations of Operator under the said Communitization Agreement.

NOW, THEREFORE, in consideration of the premises
hereinbefore set forth and the promises hereinafter stated, the
First party hereby covenants and agrees to fulfill the duties and
assume the obligations of Operator of the communitized area under
and pursuant to all the terms of said Communitization Agreement,
and the Second Parties covenant and agree that, effective upon
approval of this indenture by the ~~Chief, Branch of Fluid~~ ^{Superintendent, Agency}
~~Minerals, Bureau of Land Management,~~ ^{BIA} First Party shall be granted
the exclusive right and privilege of exercising any and all
rights and privileges as Operator, pursuant to the terms and
conditions of said Communitization Agreement; said Agreement
being hereby incorporated herein by reference and made a part
hereof as fully and effectively as though said Agreement were
expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

Donald H. Esqui

Witness

L. Peña

Witness

FIRST PARTY

Coastal Oil & Gas Corporation

BY

W. L. Donnelly, Vice Pres.

WLD

SECOND PARTIES

BY

Execution Date: _____

BY

Execution Date: _____

BY

Execution Date: _____

BY

Execution Date: _____

BY

Execution Date: _____

The foregoing indenture designating Coastal Oil and Gas Corporation, as Operator, under the Communitization Agreement for the above location, on FEB 09 1999.

Charles H. Cameron

Acting Superintendent
Uintah & Ouray Agency,
Bureau of Indian Affairs
Fort Duchesne, Utah

CORPORATE ACKNOWLEDGEMENT

STATE OF TEXAS)
COUNTY OF HARRIS) SS.

The foregoing instrument was acknowledged before me this 4th day of January, 1999, by W. L. Donnelly, Vice President, on behalf of Coastal Oil & Gas Corporation.

WITNESS my hand and official seal.

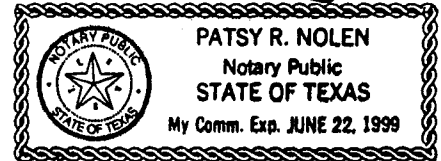
My Commission Expires:

June 22, 1999

Patsy R. Nolen
Notary Public

Place of Residence:

Harris Co TX



INDIVIDUAL ACKNOWLEDGEMENT

STATE OF _____)
COUNTY OF _____) SS.

On the ____ day of _____, 19____, personally appeared before me _____, the signer(s) of the above instrument, who duly acknowledge to me that he (she or they) executed the same.

WITNESS my hand and official seal.

My Commission Expires:

Notary Public

Place of Residence:

DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number 9C-000187

Designation of successor Operator for cummunitized area,
County of Uintah, State of Utah, being:

Township 9 South, Range 21 East
Section N/2 2
Containing 326.64 acres, more or less.

THIS INDENTURE, dated as of the 4th day of January, 1999 by and between Coastal Oil & Gas Corporation, hereinafter designated as "First Party," and the owners of communitized working interests, hereinafter designated as "Second Parties,"

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C. Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the above Communitized Area, effective May 1, 1978 wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS said, Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereon; and

WHEREAS the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties and obligations of Operator under the said Communitization Agreement.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promises hereinafter stated, the First party hereby covenants and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of said Communitization Agreement, and the Second Parties covenant and agree that, effective upon approval of this indenture by the ~~Chief, Branch of Fluid~~^{Superintendent,} ~~Minerals, Bureau of Land Management,~~ ^{Uintah & Ouray Agency,} First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument. BIA

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

Donald H. Spici

Witness

L. Peña

Witness

FIRST PARTY

Coastal Oil & Gas Corporation

BY

W. L. Donnelly

W. L. Donnelly, Vice Pres.

gth

SECOND PARTIES

BY

Execution Date: _____

BY

Execution Date: _____

BY

Execution Date: _____

BY

Execution Date: _____

BY

Execution Date: _____

The foregoing indenture designating Coastal Oil and Gas Corporation, as Operator, under the Communitization Agreement for the above location, on FEB 03 1995.

Charles H. Cameron

Acting Superintendent
Uintah & Ouray Agency,
Bureau of Indian Affairs
Fort Duchesne, Utah

CORPORATE ACKNOWLEDGEMENT

STATE OF Texas)
COUNTY OF Harris) SS.

The foregoing instrument was acknowledged before me this 4th day of January, 1999, by W. L. Donnelly, Vice President, on behalf of Coastal Oil & Gas Corporation.

WITNESS my hand and official seal.

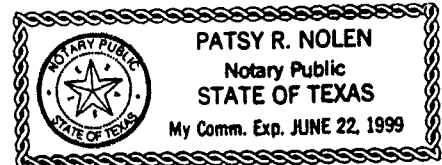
My Commission Expires:

June 22, 1999

Patsy R. Nolen
Notary Public

Place of Residence:

Harris County, TX



INDIVIDUAL ACKNOWLEDGEMENT

STATE OF _____)
COUNTY OF _____) SS.

On the ____ day of _____, 19____, personally appeared before me _____, the signer(s) of the above instrument, who duly acknowledge to me that he (she or they) executed the same.

WITNESS my hand and official seal.

My Commission Expires:

Notary Public

Place of Residence:

SIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number: CR-172

Designation of Successor Operator for communitized area, County of Uintah, State of Utah, being:

TOWNSHIP 8, SOUTH, RANGE 20, EAST USB&M/SLB&M
SECTION: S1/2, 33
Containing 317.6 acres, more or less.

This indenture, dated as of the 27th day of January, 1999, by and between Coastal Oil and Gas Corporation, thereafter designated as "First party", and the owners of communitized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the Above Communitized Area, effective 12/1/81, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereon; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on June 30, 1993.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promise hereinafter states, the First Party hereby covenants, and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

Coastal Oil and Gas Corporation
(First Party)

By: W. L. Donnelly
W. L. Donnelly, Vice President

(Second Party)

ATTEST

By: _____

By: _____

ATTEST

By: _____

By: _____

I hereby approve the foregoing indenture designating Coastal Oil and Gas Corporation as Operator under the Communitization Agreement for the above location, this 9th day of February, 1999.

Charles H. Cameron
Acting Superintendent, Uintah and Ouray Agency
Bureau of Indian Affairs
Fort Duchesne, Utah

DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number: 9C-000207

Designation of Successor Operator for communitized area, County of Uintah, State of Utah, being:

TOWNSHIP 8, SOUTH, RANGE 20, EAST USB&M/SLB&M
SECTION: N1/2, 34
Containing 316.96 acres, more or less.

This indenture, dated as of the 27th day of January, 1999, by and between Coastal Oil and Gas Corporation, thereafter designated as "First party", and the owners of communitized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the Above Communitized Area, effective 12/6/81, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereon; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on June 30, 1993.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promise hereinafter states, the First Party hereby convenants, and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

Coastal Oil and Gas Corporation
(First Party)

By: W. L. Donnelly
W. L. Donnelly, Vice President

(Second Party)

By: _____

By: _____

ATTEST

By: _____

ATTEST

By: _____

I hereby approve the foregoing indenture designating Coastal Oil and Gas Corporation as Operator under the Communitization Agreement for the above location, this 9th day of February, 1999.

Charles H. Cameron
Acting Superintendent, Uintah and Ouray Agency
Bureau of Indian Affairs
Fort Duchesne, Utah

DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number: 9C-000208

Designation of Successor Operator for communitized area, County of Uintah, State of Utah, being:

TOWNSHIP 8, SOUTH, RANGE 20, EAST USB&M/SLB&M
SECTION: S1/2, 34
Containing 320 acres, more or less.

This indenture, dated as of the 27th day of January, 19 99, by and between Coastal Oil and Gas Corporation, thereafter designated as "First party", and the owners of communitized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the Above Communitized Area, effective 1/12/81, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereon; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on June 30, 1993.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promise hereinafter states, the First Party hereby covenants, and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

Donald H. Spivey
Witness
D. Pene
Witness

Coastal Oil and Gas Corporation
(First Party)

By: *W. L. Donnelly*
W. L. Donnelly, Vice President

(Second Party)

ATTEST
By: _____

By: _____

ATTEST
By: _____

By: _____

I hereby approve the foregoing indenture designating Coastal Oil and Gas Corporation as Operator under the Communitization Agreement for the above location, this 9th day of February, 1999.

Charles H. Cameron
Acting Superintendent, Uintah and Ouray Agency
Bureau of Indian Affairs
Fort Duchesne, Utah

DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number: 9C-000184

Designation of Successor Operator for communitized area, County of Uintah, State of Utah, being:

TOWNSHIP 8, SOUTH, RANGE 20, EAST USB&M/SLB&M
SECTION: S1/2, 35
Containing 320 acres, more or less.

This indenture, dated as of the 27th day of January, 1999, by and between Coastal Oil and Gas Corporation, thereafter designated as "First party", and the owners of communitized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the Above Communitized Area, effective 5/1/78, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereon; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on June 30, 1993.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promise hereinafter states, the First Party hereby covenants, and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

Coastal Oil and Gas Corporation
(First Party)

By: W. L. Donnelly
W. L. Donnelly, Vice President

(Second Party)

By: _____

By: _____

ATTEST

By: _____

ATTEST

By: _____

I hereby approve the foregoing indenture designating Coastal Oil and Gas Corporation as Operator under the Communitization Agreement for the above location, this 9th day of February, 1999.

Acting Charles H. Cameron
Superintendent, Uintah and Ouray Agency
Bureau of Indian Affairs
Fort Duchesne, Utah

DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number: CR-I-219

Designation of Successor Operator for communitized area, County of Uintah, State of Utah, being:

TOWNSHIP 8, SOUTH, RANGE 20, EAST USB&M/SLB&M
SECTION: S1/2, 36
Containing 320 acres, more or less.

This indenture, dated as of the 27th day of January, 1999, by and between Coastal Oil and Gas Corporation, thereafter designated as "First party", and the owners of communitized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the Above Communitized Area, effective 5/1/82, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereon; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on June 30, 1993.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promise hereinafter states, the First Party hereby covenants, and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

Donald H. Spicer
Witness
L. Peña
Witness

Coastal Oil and Gas Corporation
(First Party)

By: *W. L. Donnelly*
W. L. Donnelly, Vice President

(Second Party)

ATTEST
By: _____

By: _____

ATTEST
By: _____

By: _____

I hereby approve the foregoing indenture designating Coastal Oil and Gas Corporation as Operator under the Communitization Agreement for the above location, this 9th day of February, 1999.

Charles H. Cameron
Acting Superintendent, Uintah and Ouray Agency
Bureau of Indian Affairs
Fort Duchesne, Utah

DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number: 9C-000209

Designation of Successor Operator for communitized area, County of Uintah, State of Utah, being:

TOWNSHIP 8, SOUTH, RANGE 21, EAST USB&M/SLB&M
SECTION: S1/2, 31
Containing 318.29 acres, more or less.

This indenture, dated as of the 27th day of January, 1999, by and between Coastal Oil and Gas Corporation, thereafter designated as "First party", and the owners of communitized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the Above Communitized Area, effective 1/12/81, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereon; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on June 30, 1993.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promise hereinafter states, the First Party hereby covenants, and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

Coastal Oil and Gas Corporation
(First Party)

By: W. L. Donnelly
W. L. Donnelly, Vice President

(Second Party)

By: _____

By: _____

ATTEST

By: _____

ATTEST

By: _____

I hereby approve the foregoing indenture designating Coastal Oil and Gas Corporation as Operator under the Communitization Agreement for the above location, this 9th day of February, 1999.

Charles H. Cameron
Acting Superintendent, Uintah and Ouray Agency
Bureau of Indian Affairs
Fort Duchesne, Utah

DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number: 9C-000178

Designation of Successor Operator for communitized area, County of Uintah, State of Utah, being:

TOWNSHIP 8, SOUTH, RANGE 21, EAST USB&M/SLB&M
SECTION: S1/2, 34
Containing 320 acres, more or less.

This indenture, dated as of the 27th day of January, 1999, by and between Coastal Oil and Gas Corporation, thereafter designated as "First party", and the owners of communitized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the Above Communitized Area, effective 5/1/78, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereon; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on June 30, 1993.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promise hereinafter states, the First Party hereby covenants, and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

Donald H. Fane
Witness
L. Pena
Witness

Coastal Oil and Gas Corporation
(First Party)

By: W. L. Donnelly
W. L. Donnelly, Vice President

(Second Party)

ATTEST

By: _____

By: _____

ATTEST

By: _____

By: _____

I hereby approve the foregoing indenture designating Coastal Oil and Gas Corporation as Operator under the Communitization Agreement for the above location, this 9th day of February, 1999.

Charles H. Cameron
Acting Superintendent, Uintah and Ouray Agency
Bureau of Indian Affairs
Fort Duchesne, Utah

DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number: 9C-000210

Designation of Successor Operator for communitized area, County of Uintah, State of Utah, being:

TOWNSHIP 9, SOUTH, RANGE 20, EAST USB&M/SLB&M
SECTION: N1/2, 3
Containing 322.26 acres, more or less.

This indenture, dated as of the 27th day of January, 1999, by and between Coastal Oil and Gas Corporation, thereafter designated as "First party", and the owners of communitized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the Above Communitized Area, effective 1/12/81, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereon; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on June 30, 1993.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promise hereinafter states, the First Party hereby covenants, and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

[Signature]
Witness
[Signature]
Witness

Coastal Oil and Gas Corporation
(First Party)

By: [Signature]
W. L. Donnelly, Vice President

(Second Party)

ATTEST
By: _____

By: _____

ATTEST
By: _____

By: _____

I hereby approve the foregoing indenture designating Coastal Oil and Gas Corporation as Operator under the Communitization Agreement for the above location, this 9th day of February, 1999.

[Signature]
Acting Superintendent, Uintah and Ouray Agency
Bureau of Indian Affairs
Fort Duchesne, Utah

DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number: 9C-191

Designation of Successor Operator for communitized area, County of Uintah, State of Utah, being:

TOWNSHIP 9, SOUTH, RANGE 20, EAST USB&M/SLB&M
SECTION: N1/2, 4
Containing 305.06 acres, more or less.

This indenture, dated as of the 27th day of January, 1999, by and between Coastal Oil and Gas Corporation, thereafter designated as "First party", and the owners of communitized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the Above Communitized Area, effective 5/1/78, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereon; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on June 30, 1993.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promise hereinafter states, the First Party hereby covenants, and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

Donald H. Garcia
Witness
D. Peña
Witness

Coastal Oil and Gas Corporation
(First Party)

By: W. L. Donnelly
W. L. Donnelly, Vice President

(Second Party)

ATTEST
By: _____

By: _____

ATTEST
By: _____

By: _____

I hereby approve the foregoing indenture designating Coastal Oil and Gas Corporation as Operator under the Communitization Agreement for the above location, this 9th day of February, 1999.

Charles H. Cameron
Acting Superintendent, Uintah and Ouray Agency
Bureau of Indian Affairs
Fort Duchesne, Utah

DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number: 9C-000186

Designation of Successor Operator for communitized area, County of Uintah, State of Utah, being:

TOWNSHIP 9, SOUTH, RANGE 21, EAST USB&M/SLB&M
SECTION: N1/2, 3
Containing 323.40 acres, more or less.

This indenture, dated as of the 27th day of January, 1999, by and between Coastal Oil and Gas Corporation, thereafter designated as "First party", and the owners of communitized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the Above Communitized Area, effective 5/1/78, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereon; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on June 30, 1993.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promise hereinafter states, the First Party hereby covenants, and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

Donald H. Fair
Witness
R. Pena
Witness

Coastal Oil and Gas Corporation
(First Party)

By: W. L. Donnelly
W. L. Donnelly, Vice President

(Second Party)

ATTEST
By: _____

By: _____

ATTEST
By: _____

By: _____

I hereby approve the foregoing indenture designating Coastal Oil and Gas Corporation as Operator under the Communitization Agreement for the above location, this 9th day of February, 1999.

Charles H. Cameron
(Acting) Superintendent, Uintah and Ouray Agency
Bureau of Indian Affairs
Fort Duchesne, Utah

DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number: 9C-000183

Designation of Successor Operator for communitized area, County of Uintah, State of Utah, being:

TOWNSHIP 9, SOUTH, RANGE 21, EAST USB&M/SLB&M
SECTION: N1/2, 5
Containing 314.21 acres, more or less.

This indenture, dated as of the 27th day of January, 1999, by and between Coastal Oil and Gas Corporation, thereafter designated as "First party", and the owners of communitized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the Above Communitized Area, effective 5/1/78, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereon; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on June 30, 1993.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promise hereinafter states, the First Party hereby covenants, and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

[Signature]
Witness
[Signature]
Witness

Coastal Oil and Gas Corporation
(First Party)

By: [Signature]
W. L. Donnelly, Vice President

(Second Party)

ATTEST
By: _____

By: _____

ATTEST
By: _____

By: _____

I hereby approve the foregoing indenture designating Coastal Oil and Gas Corporation as Operator under the Communitization Agreement for the above location, this 9th day of February, 1999.

[Signature]
Acting Superintendent, Uintah and Ouray Agency
Bureau of Indian Affairs
Fort Duchesne, Utah

DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number: CR-4

Designation of Successor Operator for communitized area, County of Uintah, State of Utah, being:

TOWNSHIP 9, SOUTH, RANGE 21, EAST USB&M/SLB&M

SECTION: S1/2, 5

Containing 320 acres, more or less.

This indenture, dated as of the 27th day of January, 1999, by and between Coastal Oil and Gas Corporation, thereafter designated as "First party", and the owners of communitized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the Above Communitized Area, effective 3/21/80, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereon; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on June 30, 1993.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promise hereinafter states, the First Party hereby covenants, and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

Coastal Oil and Gas Corporation
(First Party)

By: W. L. Donnelly
W. L. Donnelly, Vice President

CIG Exploration, Inc.
(Second Party)

By: Gregory W. Hutson
Gregory W. Hutson, Vice President

Donald H. Spier
Witness
L. P. Piro

Donald H. Spier
Witness
L. P. Piro
Witness

I hereby approve the foregoing indenture designating Coastal Oil and Gas Corporation as Operator under the Communitization Agreement for the above location, this 9th day of February, 1999.

Charles H. Cameron
Acting Superintendent, Uintah and Ouray Agency
Bureau of Indian Affairs
Fort Duchesne, Utah

DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number: 9C-000179

Designation of Successor Operator for communitized area, County of Uintah, State of Utah, being:

TOWNSHIP 9, SOUTH, RANGE 21, EAST USB&M/SLB&M
SECTION: N1/2, 6
Containing 341.38 acres, more or less.

This indenture, dated as of the 27th day of January, 1999, by and between Coastal Oil and Gas Corporation, thereafter designated as "First party", and the owners of communitized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the Above Communitized Area, effective 5/1/78, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereon; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on June 30, 1993.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promise hereinafter states, the First Party hereby covenants, and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

Coastal Oil and Gas Corporation
(First Party)

By: W. L. Donnelly
W. L. Donnelly, Vice President

(Second Party)

By: _____

By: _____

ATTEST

By: _____

ATTEST

By: _____

I hereby approve the foregoing indenture designating Coastal Oil and Gas Corporation as Operator under the Communitization Agreement for the above location, this 9th day of February, 1999.

Acting

Charles H. Cameron
Superintendent, Uintah and Ouray Agency
Bureau of Indian Affairs
Fort Duchesne, Utah

DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number: VR491-84688C

Designation of Successor Operator for communitized area, County of Uintah, State of Utah, being:

TOWNSHIP 8, SOUTH, RANGE 22, EAST USB&M/SLB&M
SECTION: S1/2, 31
Containing 319.55 acres, more or less.

This indenture, dated as of the 27th day of January, 1999, by and between Coastal Oil and Gas Corporation, thereafter designated as "First party", and the owners of communitized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the Above Communitized Area, effective 11/15/82, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereon; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on June 30, 1993.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promise hereinafter states, the First Party hereby covenants, and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

Coastal Oil and Gas Corporation
(First Party)

By: W. L. Donnelly
W. L. Donnelly, Vice President

Key Production Company, Inc.
(Second Party)

By: Stephen F. Bell
Stephen F. Bell, Vice President-Land

By: _____

Superintendent, Uintah and Ouray Agency
Bureau of Indian Affairs
Fort Duchesne, Utah

Donna H. Spici
Witness
Lina Pena
Witness

ATTEST

By: Sharon M. Pope
Assistant Secretary, Sharon M. Pope

ATTEST

By: _____

I hereby approve the foregoing indenture designating Coastal Oil and Gas Corporation as Operator under the Communitization Agreement for the above location, this _____ day of _____, 1999.

DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number: CR-12

Designation of Successor Operator for communitized area, County of Uintah, State of Utah, being:

TOWNSHIP 9, SOUTH, RANGE 22, EAST USB&M/SLB&M

SECTION: N1/2, 6

Containing 306.09 acres, more or less.

This indenture, dated as of the 27th day of January, 1999, by and between Coastal Oil and Gas Corporation, thereafter designated as "First party", and the owners of communitized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the Above Communitized Area, effective 5/1/80, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereon; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on June 30, 1993.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promise hereinafter states, the First Party hereby covenants, and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

Coastal Oil and Gas Corporation
(First Party)

By: W. L. Donnelly
W. L. Donnelly, Vice President

(Second Party)

By: _____

By: _____

ATTEST

By: _____

ATTEST

By: _____

I hereby approve the foregoing indenture designating Coastal Oil and Gas Corporation as Operator under the Communitization Agreement for the above location, this 9th day of February, 1999.

Acting Charles H. Cameron
Superintendent, Uintah and Ouray Agency
Bureau of Indian Affairs
Fort Duchesne, Utah

memorandum

DATE:
REPLY TO
ATTN OF:

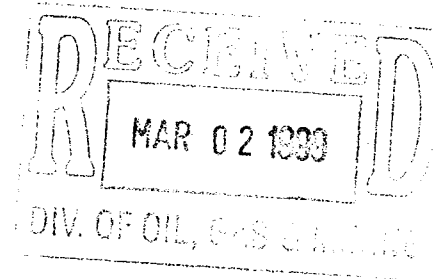
February 24, 1999

SUBJECT:

Superintendent, Uintah & Ouray Agency, Minerals and Mining
Communitization Agreements for Coastal Oil & Gas

TO:

Bureau of Land Management, Vernal District Office
Bureau of Land Management, Utah State Office, Attn: Theresa Thompson
Division of Oil, Gas & Mining, Attn: Lisha Cordova,
Ute Tribe Energy & Minerals, Attn: Ferron Secakuku



In our letter of February 11, 1999, we inadvertently approved two Designations of Successor Operator for Communitization Agreements (CA's) from Conoco, Inc. to Coastal Oil & Gas Corp with the approval date of February 9, 1999. The two Designations for the CA's are:

UTU-76246
9C-187

N/2 of Sec. 1-T9S-R21E
N/2 of Sec. 2-T9S-R21E

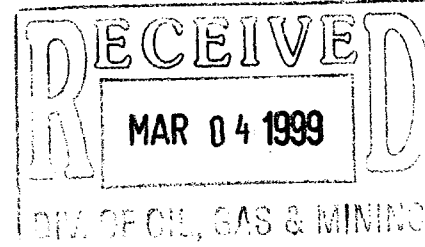
The Designations for the above two CA's were previously approved on January 8, 1999. Please disregard our letter to approve the above two Designations in our letter of February 11, 1999. The approval date of January 8, 1999 is the correct date.

If you have any questions regarding the above, please do not hesitate to contact this office.

Charles H. Cameron

UNITED STATES GOVERNMENT
memorandum

DATE: March 1, 1999
REPLY TO
ATTN OF: Superintendent, Uintah and Ouray Agency
SUBJECT: Designation of Successor Operator
TO: Bureau of Land Management, Vernal District Office



Transmitted herewith for your records is an approved Designation of Successor Operator for a Communitization Agreement, and Coastal will be the operator for the following locations:

OPERATOR - FROM: Conoco, Inc.
TO: Coastal Oil & Gas Corp.

CA Number	Sec/Twnshp/Rng	Legal	Acres
VR49I-84688C	31-T9S-R21E	S/2	319.55
CR-144	6-T9S-R21E	S/2	354.32

↳ 31-8S 22E

The enclosed instruments were approved on February 25, 1999. Coastal's Bond will be used to cover all CA operations. All wells within the CA area are responsibility of the new CA Operator.

If you have any questions, please contact this office at (435) 722-4312.

Charles H. Cameron

Enclosures

cc: ✓ Lisha Cordova, Utah State DOGM
Theresa Thompson, BLM/SLC

DESIGNATION OF SUCCESSOR OPERATOR
Communitization Agreement Number: VR491-84688

Designation of Successor Operator for communitized area, County of Uintah, State of Utah, being:

TOWNSHIP 8, SOUTH, RANGE 22, EAST USB&M/SLB&M
SECTION: S1/2, 31
Containing 319.55 acres, more or less.

RECEIVED
FEB 27 1999
UINTAH & OURAY
AGENCY

This indenture, dated as of the 27th day of January, 1999, by and between Coastal Oil and Gas Corporation, thereafter designated as "First party", and the owners of communitized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the Above Communitized Area, effective 11/15/82, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereon; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on June 30, 1993.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promise hereinafter states, the First Party hereby covenants, and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

Coastal Oil and Gas Corporation
(First Party)

By: W. L. Donnelly
W. L. Donnelly, Vice President

Key Production Co.
(Second Party)

By: Stephen F. Bell
Stephen F. Bell, Vice President-Land

By: _____

ATTEST

By: Sharon M. Pope
Assistant Secretary, Sharon M. Pope

ATTEST

By: _____

I hereby approve the foregoing indenture designating Coastal Oil and Gas Corporation as Operator under the Communitization Agreement for the above location, this 25th day of February, 1999.

[Signature]
Superintendent, Uintah and Ouray Agency
Bureau of Indian Affairs
Fort Duchesne, Utah

DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number: CR-144

Designation of Successor Operator for communitized area, County of Uintah, State of Utah, being:

TOWNSHIP 9, SOUTH, RANGE 21, EAST USB&M/SLB&M
SECTION: S1/2, 6
Containing 354.32 acres, more or less.

This indenture, dated as of the 27th day of January, 1999, by and between Coastal Oil and Gas Corporation, thereafter designated as "First party", and the owners of communitized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the Above Communitized Area, effective 3/23/81, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereon; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on June 30, 1993.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promise hereinafter states, the First Party hereby covenants, and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

[Signature]
Witness
[Signature]
Witness

ATTEST
By: _____

ATTEST
By: _____

Coastal Oil and Gas Corporation
(First Party)

By: [Signature]
W. L. Donnelly, Vice President

Westport Oil & Gas
(Second Party)

By: [Signature]
David R. Dix
Attorney-in-Fact

By: _____

I hereby approve the foregoing indenture designating Coastal Oil and Gas Corporation as Operator under the Communitization Agreement for the above location, this 25th day of February, 1999.

[Signature]
Superintendent, Uintah and Ouray Agency
Bureau of Indian Affairs
Fort Duchesne, Utah

UNITED STATES GOVERNMENT
memorandum

DATE: April 27, 1999

REPLY TO
ATTN OF: Superintendent, Uintah and Ouray Agency

SUBJECT: *W*
Change of Operator

TO: Bureau of Land Management, Vernal District Office
Attention: Margie Herrmann, Division of Minerals and Mining

We have received copies of Designation of Successor Operator for several Communitization Agreements, informing this office of a change of operator for the following CA's:

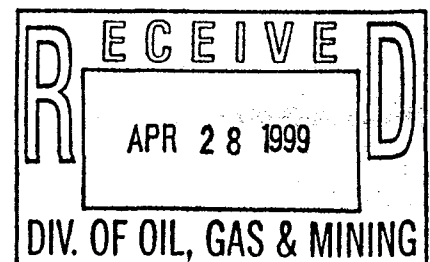
OPERATOR - FROM: Conoco, Inc.
TO: Coastal Oil & Gas Corp.

CA No.	Location	Legal Description
CR-168	N/2	Sec. 1-T9S-R20E
NRMI-1705	S/2	Sec. 22-T8S-R21E
UTU080I49-84C721	S/2	Sec. 4-R9S-R21E
9C-000204	S/2	Sec. 32-T8S-R21E
UTU080I49-84C725	N/2	Sec. 4-T9S-R21E

All operations will be covered under Coastal Oil & Gas Corporation Coastal Oil & Gas Corp. Bond filed with this office, for those wells on trust property.

If you have any questions, please contact this office at (801) 722-4310.

cc: Jerry Kenczka, BLM/Vernal
Energy & Minerals, Ute Tribe
Ute Distribution Corporation, Roosevelt, UT
Lisha Cordova, State of Utah
Theresa Thompson, BLM/State Office



DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number: UT080491-84C725

UT080491-

Designation of Successor Operator for communitized area, County of Uintah, State of Utah, being:

TOWNSHIP 9, SOUTH, RANGE 21, EAST USB&M/SLB&M
SECTION: N1/2, 4
Containing 320.7 acres, more or less.

This indenture, dated as of the 27th day of January, 1999, by and between Coastal Oil and Gas Corporation, thereafter designated as "First party", and the owners of communitized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the Above Communitized Area, effective 12/29/83, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereon; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on June 30, 1993.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promise hereinafter states, the First Party hereby covenants, and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

[Signature]
Witness
[Signature]
Witness

Coastal Oil and Gas Corporation
(First Party)
By: [Signature]
W. L. Donnelly, Vice President

ATTEST
By: [Signature]
ATTEST
By: _____

Hansen Construction
(Second Party)
By: [Signature]
Pres.

OFFICIAL SEAL
DONNA J OLSON
NOTARY PUBLIC, STATE OF ILLINOIS
MY COMMISSION EXPIRES: 06/22/01
[Signature]
Donna J Olson

I hereby approve the foregoing indenture designating Coastal Oil and Gas Corporation as Operator under the Communitization Agreement for the above location, this 26th day of April, 1999.

[Signature]
Superintendent, Uintah and Ouray Agency
Bureau of Indian Affairs
Fort Duchesne, Utah

DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number: 9C-000204

Designation of Successor Operator for communitized area, County of Uintah, State of Utah, being:

TOWNSHIP 8, SOUTH, RANGE 21, EAST USB&M/SLB&M
SECTION: S1/2, 32
Containing 320 acres, more or less.

This indenture, dated as of the 27th day of January, 19 99, by and between Coastal Oil and Gas Corporation, thereafter designated as "First party", and the owners of communitized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the Above Communitized Area, effective 5/1/78, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereon; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on June 30, 1993.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promise hereinafter states, the First Party hereby covenants, and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

Donald H. Spruce
Witness
Lina Peña
Witness

Coastal Oil and Gas Corporation
(First Party)

By: W. L. Donnelly
W. L. Donnelly, Vice President
Chevron U.S.A. Inc.
~~Coastal Oil and Gas Corporation~~
(Second Party)

By: D.T. Berlin

By: D.T. Berlin, Assistant Secretary

ATTEST
By: D.T. Knatz

ATTEST
By: W. M. Fumal

I hereby approve the foregoing indenture designating Coastal Oil and Gas Corporation as Operator under the Communitization Agreement for the above location, this 26th day of April, 19 99.

[Signature]
Superintendent, Uintah and Ouray Agency
Bureau of Indian Affairs
Fort Duchesne, Utah

DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number: UT080749-84C721

Designation of Successor Operator for communitized area, County of Uintah, State of Utah, being:

TOWNSHIP 9, SOUTH, RANGE 21, EAST USB&M/SLB&M

SECTION: S1/2, 4

Containing 320 acres, more or less.

This indenture, dated as of the 27th day of January, 19 99, by and between Coastal Oil and Gas Corporation, thereafter designated as "First party", and the owners of communitized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the Above Communitized Area, effective 12/9/82, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereon; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on June 30, 1993.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promise hereinafter states, the First Party hereby covenants, and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

James H. Fair
Witness
Lina Pera
Witness

ATTEST
By: _____

ATTEST
By: _____

ATTEST
By: _____

Coastal Oil and Gas Corporation
(First Party)
By: W. L. Donnelly
W. L. Donnelly, Vice President

Enron Oil & Gas Co.
By: James D. Lightner
Agent and Attorney-in-Fact
G. W. McDonald
By: _____

Tymco Oil Co.
By: _____

I hereby approve the foregoing indenture designating Coastal Oil and Gas Corporation as Operator under the Communitization Agreement for the above location, this 26th day of April, 1999.

[Signature]
Superintendent, Uintah and Ouray Agency
Bureau of Indian Affairs
Fort Duchesne, Utah

DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number: NRM 1705

Designation of Successor Operator for communitized area, County of Uintah, State of Utah, being:

TOWNSHIP 8, SOUTH, RANGE 21, EAST USB&M/SLB&M
SECTION: S1/2, 33
Containing 320 acres, more or less.

This indenture, dated as of the 27th day of January, 19 99, by and between Coastal Oil and Gas Corporation, thereafter designated as "First party", and the owners of communitized working interests, hereinafter designated as "Second Parties".

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the Above Communitized Area, effective 5/1/78, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS, said Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereon; and;

WHEREAS, the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties, and obligations of Operator under the said Communitization Agreement.

WHEREAS, the First Party has, prior to approval of this indenture, filed a approved Bond with the Bureau of Indian Affairs, Uintah and Ouray Agency, in the amount of \$150,000.00, Bond No. 11-40-66A, approved on June 30, 1993.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promise hereinafter states, the First Party hereby covenants, and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of the said Communitization Agreement, and the Second Parties covenant agree that, effective upon approval of this indenture by the Superintendent, Bureau of Indian Affairs, Uintah and Ouray Agency, Fort Duchesne, Utah, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

[Signature]
Witness
[Signature]
Witness

ATTEST
By: _____

ATTEST
By: _____

Coastal Oil and Gas Corporation
(First Party)

By: [Signature]
W. L. Donnelly, Vice President

Enron Oil & Gas Co.
(Second Party)

By: [Signature]
James D. Lightner
Agent and Attorney-in-Fact
By: _____

I hereby approve the foregoing indenture designating Coastal Oil and Gas Corporation as Operator under the Communitization Agreement for the above location, this 26th day of April, 19 99.

[Signature]
Superintendent, Uintah and Ouray Agency
Bureau of Indian Affairs
Fort Duchesne, Utah

DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Number CR-168

Designation of successor Operator for communitized area, County of Uintah, State of Utah, being:

Township 9, South, Range 20, East
Section 1: N1/2
Containing 318.84 acres, more or less.

THIS INDENTURE, dated as of the 27th day of January, 1999, by and between Coastal Oil and Gas Corporation, hereinafter designated as "First Party," and the owners of communitized working interests, hereinafter designated as "Second Parties,"

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C. Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the above Communitized Area, effective 5/12/81, wherein Conoco, Inc. is designated as Operator of the communitized area; and

WHEREAS said, Conoco, Inc. has resigned as Operator, and the designation of a successor Operator is now required pursuant to the terms thereon; and

WHEREAS the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties and obligations of Operator under the said Communitization Agreement.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promises hereinafter stated, the First party hereby covenants and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of said Communitization Agreement, and the Second Parties covenant and agree that, effective upon approval of this indenture by the ~~Superintendent, Uintah and Ouray Agency, Bureau of Indian Affairs~~ ^{Superintendent, Uintah and Ouray Agency, Bureau of Indian Affairs}, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; said Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

Donald H. Spicer
Witness
L. Pera
Witness

FIRST PARTY

Coastal Oil & Gas Corporation

By: W. L. Donnelly
W. L. Donnelly, Vice President

SECOND PARTIES

G. W. McDonald

By: _____
Execution Date: _____

Tymco Oil Company

By: _____
Execution Date: _____

By: _____
Execution Date: _____

By: _____
Execution Date: _____

The foregoing indenture designating Coastal Oil & Gas Corporation as Operator under the Communitization Agreement for the above location, is hereby approved this --
26th day of April, 1999.

[Signature]
Superintendent,
eH Uintah and Ouray Agency
Bureau of Indian Affairs
Fort Duchesne Utah

CORPORATE ACKNOWLEDGEMENT

STATE OF TEXAS)

) SS.

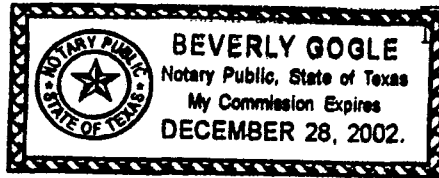
COUNTY OF HARRIS)

The foregoing instrument was acknowledged before me this 28th day of January, 1999,
by W. L. Donnelly, Vice President, on behalf of Coastal Oil and Gas Corporation.

WITNESS my hand and official seal.

My Commission Expires:

Place of Residence:



Beverly Gogle

Notary Public

STATE OF _____)

) SS.

COUNTY OF _____)

The foregoing instrument was acknowledged before me this _____ day of _____, 1999,
by _____, _____, on behalf of _____.

WITNESS my hand and official seal.

My Commission Expires:

Place of Residence:

Notary Public

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

Routing:

1-KDR ✓	6-KAS ✓
2-GLH	7-SJ
3-JRB ✓	8-FILE
4-CDW ✓	
5-KDR ✓	

☒ Change of Operator (well sold)☐ Designation of Agent☐ Designation of Operator☐ Operator Name Change OnlyThe operator of the well(s) listed below has changed, effective: 11-2-98

TO: (new operator) COASTAL OIL & GAS CORP FROM: (old operator) CONOCO INC.
 (address) 9 GREENWAY PLAZA (address) 10 DESTA DR. STE 100W
HOUSTON, TX 77046-0995 MIDLAND, TX 79705-4500
M.D. ERNEST BILL R. KEATHLY
 Phone: (713) 877-7890 Phone: (915) 686-5424
 Account no. N0230 Account no. N0260

WELL(S) attach additional page if needed:

*CA AGREEMENT

Name: <u>*SEE ATTACHED*</u>	API: <u>43147.30338</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- KDR 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 11-9-98)*
- KDR 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 11-16-98)*
- N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) ____ If yes, show company file number: _____
- KDR 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below. *(Rec'd 12-29-98, 1-11-99, 1-21-99, 2-5-99, 3-4-99, 4-28-99)*
- KDR 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above.
- KDR 6. **Cardex** file has been updated for each well listed above.
- KDR 7. Well **file labels** have been updated for each well listed above. *(New filing system)*
- KDR 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc.
- KDR 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- VDR 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- VDR 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- VDR 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
(11-24-98) U605382-1 (Blanket bond already furnished)
- VDR 2. A copy of this form has been placed in the new and former operator's bond files.
- VDR 3. The **FORMER** operator has requested a release of liability from their bond (yes/no) no, as of today's date _____. If yes, division response was made to this request by letter dated _____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- VDR 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated December 17, 1998 of their responsibility to notify all interest owners of this change.

FILMING

- VB 1. All attachments to this form have been **microfilmed**. Today's date: May 18, 1999

FILING

- ___ 1. Copies of all attachments to this form have been filed in each well file.
- ___ 2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

COMMENTS

Form 3160-5
(August 1999)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposalsFORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

14-20-H62-3010

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE- Other Instructions on reverse side

1. Type of Well:

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator **COASTAL OIL & GAS CORPORATION**
CONTACT: CHERYL CAMERON OPERATIONS
EMAIL: Cheryl.Cameron@CoastalCorp.com3a. Address **P.O. BOX 1148**
VERNAL, UT 840783b. Phone No. (include area code)
TEL: 435.781.7023 EXT:
FAX: 435.789.44367. If Unit or CA Agreement, Name and No.
9C-178

8. Lease Name and Well No.

MOUNTAIN LION #34-2

9. API Well No.

4304730338

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 34 T8S R21E NESE 1871FSL 1302FEL

10. Field and Pool, or Exploratory

OURAY

11. County or Parish, State

UINTAH, UT**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent☐ Acidize☐ Deepen☐ Production (Start/Resume)☐ Water Shut-off☒ Subsequent Report☐ Alter Casing☐ Fracture Treat☐ Reclamation☐ Well Integrity☐ Final Abandonment Notice☐ Casing Repair☐ New Construction☐ Recomplete☒ **OTHER SUNDRY NOTICE**☐ Change Plans☐ Plug and Abandon☐ Temporarily Abandon☐ Convert to Injection☐ Plug Back☐ Water Disposal

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give the subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of involved operations. If the operation results in multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The Mountain Lion #34-2 location was connected to the CTB #E34S on 4/1/01. The condensate is producing to the C1 tank.

The CTB will have dedicated equipment, including separators, tanks and meters for each CA or lease at the CTB.

No commingling of gas or condensate will take place except in the condensate overflow tank.

RECEIVED
APR 25 2001
BUREAU OF LAND MANAGEMENT
OIL AND GAS DIVISION

Name (Printed/Typed)

Title

Signature

Date

4/2/01

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

ELECTRONIC SUBMISSION #3361 VERIFIED BY THE BLM WELL INFORMATION SYSTEM FOR COASTAL OIL & GAS CORPORATION SENT TO THE VERNAL FIELD OFFICE

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER _____

2. NAME OF OPERATOR:

El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR:

8 South 1200 East CITY Vernal STATE Utah ZIP 84078

PHONE NUMBER:

435-789-4433

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Exhibit "A"

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT
(Submit in Duplicate)

Approximate date work will start:

☐ SUBSEQUENT REPORT
(Submit Original Form Only)

Date of work completion:

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☒ OTHER: Name Change

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation

NAME (PLEASE PRINT)

John T. Elzner

TITLE Vice President

SIGNATURE

DATE 06-15-01

El Paso Production Oil & Gas Company

NAME (PLEASE PRINT)

John T. Elzner

TITLE Vice President

SIGNATURE

DATE 06-15-01

(This space for State use only)

RECEIVED

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING

State of Delaware
Office of the Secretary of State

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

JUN 1 2001

DIVISION OF
OIL, GAS AND MINING



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

CERTIFICATE OF AMENDMENT
OF
CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:


"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION



David L. Siddall
Vice President

Attest:


Margaret E. Roark, Assistant Secretary

RECEIVED

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 11:00 AM 03/09/2001
010118394 - 0610204

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

RECEIVED

JUL 12 2001

DIVISION OF
OIL, GAS AND MINING

In Reply Refer To:
3106
UTSL-065841
(UT-924)

JUL 10 2001

NOTICE

El Paso Production Oil & Gas Company : Oil and Gas
Nine Greenway Plaza :
Houston TX 77046-0095 :

Name Change Recognized

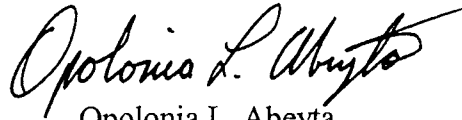
Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

For our purposes, the name change is recognized effective March 9, 2001.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Coastal Oil & Gas Corporation to El Paso Production Oil & Gas Company. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Wyoming and Colorado.



Opolonia L. Abeyta
Acting Chief, Branch of
Minerals Adjudication

Enclosure

1. Exhibit of Leases (1 pp)

cc: Moab Field Office
Vernal Field Office
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217
~~State of Utah, DOGM,~~ Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114
Teresa Thompson (UT-922)
Joe Incardine (UT-921)

File Copy



United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

Uintah and Ouray Agency

P. O. Box 130

988 South 7500 East

Fort Duchesne, Utah 84026-0130

Phone: (435) 722-4300

Fax: (435) 722-2323

IN REPLY REFER TO:

Minerals and Mining

Phone: (435) 722-4310

Fax: (435) 722-2809

August 16, 2001

El Paso Production Company
Attn: Elizabeth R. Williams
Nine Greenway Plaza
Houston, TX 77046-0995

Dear Mrs. Williams:

We are in receipt of the corporate documentation for the name change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company.

All documents appear to be in order, and the approval is hereby authorized to change all records, including change of operator of certain oil and gas wells, Rights-of-Way, Communitization Agreements, Oil and Gas Leases, Exploration and Development Agreements, etc. from Coastal Oil & Gas Corporation to "El Paso Production Oil and Gas Company".

Approval of this name change is August 16, 2001, but effective on March 9, 2001. If you have any questions, please do not hesitate to contact this office.

Respectfully,

Acting Superintendent

RECEIVED

AUG 22 2001

DIVISION OF
OIL, GAS AND MINING

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH		4-KAS
2. CDW	✓	5-LP ✓
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

X Merger

The operator of the well(s) listed below has changed, effective: **3-09-2001**

FROM: (Old Operator):
COASTAL OIL & GAS CORPORATION
Address: 9 GREENWAY PLAZA STE 2721
HOUSTON, TX 77046-0995
Phone: 1-(713)-418-4635
Account N0230

TO: (New Operator):
EL PASO PRODUCTION OIL & GAS COMPANY
Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
HOUSTON, TX 77046-0995
Phone: 1-(832)-676-4721
Account N1845

CA No.

Unit:

WELL(S)

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
UTE TRIBAL 35-113 (9C-184)	43-047-33396	13271	35-08S-20E	INDIAN	GW	DRL
WISSIUP 36 15 (CR 1219)	43-047-30700	105	36-08S-20E	INDIAN	GW	P
WISSIUP 36-114 (CR 1219)	43-047-33416	12855	36-08S-20E	INDIAN	GW	P
ANKERPONT 31 12 (9C-209)	43-047-30699	155	31-08S-21E	INDIAN	GW	P
ANKERPONT 31 39 (9C-209)	43-047-33339	12675	31-08S-21E	INDIAN	GW	P
ANKERPONT 31 87 (9C-209)	43-047-33378	12775	31-08S-21E	INDIAN	GW	P
ANKERPONT 31 85 (9C-209)	43-047-33383	12725	31-08S-21E	INDIAN	GW	P
ANKERPONT 31 86 (9C-209)	43-047-33384	12694	31-08S-21E	INDIAN	GW	P
ANKERPONT 31 175 (9C-209)	43-047-33873	13205	31-08S-21E	INDIAN	GW	DRL
ANKERPONT 31 156 (9C-209)	43-047-33926	99999	31-08S-21E	INDIAN	GW	APD
ANKERPONT 31 159 (9C-209)	43-047-33927	13159	31-08S-21E	INDIAN	GW	DRL
OURAY 32-69 (9C-204)	43-047-33288	12567	32-08S-21E	INDIAN	GW	P
OURAY 32-70 (9C-204)	43-047-33289	12562	32-08S-21E	INDIAN	GW	P
OURAY 32-145 (9C-204)	43-047-33622	13082	32-08S-21E	INDIAN	GW	P
OURAY 32-147 (9C-204)	43-047-33624	13083	32-08S-21E	INDIAN	GW	P
DUNCAN FEDERAL 33 9 (9C-204)	43-047-30643	80	33-08S-21E	INDIAN	GW	P
OURAY 33-90 (NRM-1705)	43-047-33381	12748	33-08S-21E	INDIAN	GW	P
MTN LION ETAL 34 2 (NRM-1765)	43-047-30338	60	34-08S-21E	INDIAN	GW	P
PAWINNEE 34 WELL 49 (9C-178)	43-047-32694	11826	34-08S-21E	INDIAN	GW	P
SERAWOP 34-38 (9C-178)	43-047-33290	12555	34-08S-21E	INDIAN	GW	P

OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
4. Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

5. If **NO**, the operator was contacted contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 08/16/2001
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 07/10/2001
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: 08/16/2001
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 08/31/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 08/31/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: N/A

FEDERAL BOND VERIFICATION:

1. Federal well(s) covered by Bond No.: N/A

INDIAN BOND VERIFICATION:

1. Indian well(s) covered by Bond No.: 103601473

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond No: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: _____

FILMING:

1. All attachments to this form have been **MICROFILMED** on: _____

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: _____

COMMENTS: Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".

JAN. 17. 2003 3:34PM

PORT

NO. 173 P. 2

**WESTPORT OIL AND GAS COMPANY, L.P.**

410 Seventeenth Street #2300 Denver Colorado 80202-4436
Telephone: 303 573 5404 Fax: 303 573 5609

February 1, 2002

Department of the Interior
Bureau of Land Management
2850 Youngfield Street
Lakewood, CO 80215-7093
Attention: Ms. Martha Maxwell

RE: BLM Bond CO-1203
BLM Nationwide Bond 158626364
Surety - Continental Casualty Company
Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.
Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.
Assumption Rider - Westport Oil and Gas Company, L.P.

Dear Ms. Maxwell:

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

Two (2) Assumption Riders, fully executed originals.
Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.
List of all Federal/BIA/State Leases - Belco/Westport's leases - in all states.

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,
Westport Oil and Gas Company, L.P.

Debby J. Black
Engineer Technician

Encl:



United States Department of the Interior

RECEIVED

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

FEB 22 2002

DIVISION OF
OIL, GAS AND MINING

In Reply Refer To:
3106
UTU-25566 et al
(UT-924)

FEB 21 2002

NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas
410 Seventeenth Street, #2300 :
Denver Colorado 80215-7093 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

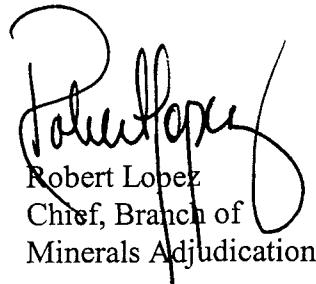
For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405
UTU-20895
UTU-25566
UTU-43156
UTU-49518
UTU-49519
UTU-49522
UTU-49523



Robert Lopez
Chief, Branch of
Minerals Adjudication

cc: Moab Field Office
Vernal Field Office
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114
Teresa Thompson (UT-922)
Joe Incardine (UT-921)

UNITED STATES GOVERNMENT

memorandum

Branch of Real Estate Services
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to
Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

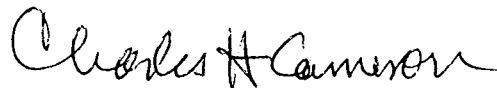
We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate your concern, and hope that these comments are timely enough for consideration in the revision process.

CC: Minerals & Mining Section of RES
Ute Energy & Mineral Resources Department: Executive Director
chrono





United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

Washington, D.C. 20240

FEB 10 2003IN REPLY REFER TO:
Real Estate Services

Carroll A. Wilson
Principal Landman
Westport Oil and Gas Company, L.P.
1368 South 1200 East
Vernal, Utah 84078

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,

Director, Office of Trust Responsibilities

ACTING

Enclosure

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Exhibit "A"

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☐

OTHER

2. NAME OF OPERATOR:

El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR:

9 Greenway Plaza

Houston

TX

77064-0995

PHONE NUMBER:

(832) 676-5933

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND # _____

State Surety Bond No. RLB0005236
Fee Bond No. RLB0005238

EL PASO PRODUCTION OIL & GAS COMPANY

By:

Jon R. Nelsen, Attorney-in-Fact

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

WESTPORT OIL AND GAS COMPANY, L.P.

NAME (PLEASE PRINT)

David R. Dix

TITLE Agent and Attorney-in-Fact

SIGNATURE

DATE

12/17/02

(This space for State use only)

Form 3160-5
(August 1999)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

SEE ATTACHED EXHIBIT "A"

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

8. Well Name and No.

SEE ATTACHED EXHIBIT "A"

9. API Well No.

SEE ATTACHED EXHIBIT "A"

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UT

SEE ATTACHED EXHIBIT "A"

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	SUCCESSOR OF
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	OPERATOR

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zc. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed if testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED

MAR 04 2003

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

CHERYL CAMERON

Title

OPERATIONS

Date

March 4, 2003

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW <input checked="" type="checkbox"/>
3. FILE

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **12-17-02**

FROM: (Old Operator):	TO: (New Operator):
EL PASO PRODUCTION OIL & GAS COMPANY	WESTPORT OIL & GAS COMPANY LP
Address: 9 GREENWAY PLAZA	Address: P O BOX 1148
HOUSTON, TX 77064-0995	VERNAL, UT 84078
Phone: 1-(832)-676-5933	Phone: 1-(435)-781-7023
Account No. N1845	Account No. N2115

CA No.

Unit:

WELL(S)

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
OURAY 32-69	32-08S-21E	43-047-33288	12567	INDIAN	GW	P
OURAY 32-70	32-08S-21E	43-047-33289	12562	INDIAN	GW	P
STATE 32 21	32-08S-21E	43-047-30754	120	STATE	GW	P
DUNCAN FED 33-9 (NRM-1705)	33-08S-21E	43-047-30643	80	INDIAN	GW	P
OURAY 33-90 (NRM-1705)	33-08S-21E	43-047-33381	12748	INDIAN	GW	P
FEDERAL 33-92 (NRM-1705)	33-08S-21E	43-047-33385	12726	FEDERAL	GW	TA
FEDERAL 33-93 (NRM-1705)	33-08S-21E	43-047-33386	12727	FEDERAL	GW	P
FEDERAL 33-176	33-08S-21E	43-047-33928	99999	FEDERAL	GW	APD
FEDERAL 33-177 (NRM-1705)	33-08S-21E	43-047-33874	13405	FEDERAL	GW	P
OURAY 33-200	33-08S-21E	43-047-34432	99999	INDIAN	GW	APD
SERAWOP 34-161	34-08S-21E	43-047-33875	13435	INDIAN	GW	P
PAWWINNEE 34-171	34-08S-21E	43-047-33876	13078	INDIAN	GW	P
MOUNTAIN LION 34-178	34-08S-21E	43-047-33975	13398	INDIAN	GW	P
MTN LION ETAL 34-2	34-08S-21E	43-047-30338	60	INDIAN	GW	P
SERAWOP 34-189	34-08S-21E	43-047-33976	13248	INDIAN	GW	P
SERAWOP 34-38	34-08S-21E	43-047-33290	12555	INDIAN	GW	P
OURAY 34-79	34-08S-21E	43-047-33291	12551	INDIAN	GW	P
PAWWINNEE 34-49	34-08S-21E	43-047-32694	11826	INDIAN	GW	P
FEDERAL 35 5 (NRM-1604)	35-08S-21E	43-047-30563	70	FEDERAL	GW	P
UTE TRIBAL 35 19	35-08S-21E	43-047-30665	145	INDIAN	GW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 02/28/2003
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/04/2003
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/06/2003
4. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
5. If **NO**, the operator was contacted contacted on: _____

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 02/27/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: 01/09/2003

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 03/26/2003

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 03/26/2003

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: RLB 0005236

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: 158626364

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: RLB 0005239

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB 0005238

2. The **FORMER** operator has requested a release of liability from their bond on: N/A

The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

5. Lease Serial No.
MULTIPLE WELLS- SEE ATTACHED

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
MULTIPLE WELLS- SEE ATTACHED

8. Well Name and No.
MULTIPLE WELLS- SEE ATTACHED

9. API Well No.
MULTIPLE WELLS- SEE ATTACHED

10. Field and Pool, or Exploratory Area
OURAY

11. County or Parish, State
UINTAH COUNTY, UTAH

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
WESTPORT OIL & GAS COMPANY, L.P.

3a. Address
1368 SOUTH 1200 EAST, VERNAL, UTAH 84078

3b. Phone No. (include area code)
435-781-7060

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
MULTIPLE WELLS- SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input checked="" type="checkbox"/> Other VARIANCE
	<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Westport Oil & Gas requests a variance to Onshore Order No. 4, Part III C. a. requiring each sales tank be equipped with a pressure- vacuum thief hatch and/or vent line valve. The variance is requested as an economic analysis shows the value of the shrunk condensate will not payout the incremental cost of purchasing and maintaining the valve resulting in a loss of value over the producing life of the well.

The volume lost to shrinkage by dropping the tank pressure from 6 ozs. To 0 psig is shown to be 0.3% of the tank volume. This was determined by lab analysis of a representative sample from the field. The sample shrunk from 98.82% of original volume to 98.52% when the pressure was dropped. The average well produces approximately 6 bbls condensate per month. The resulting shrinkage would amount to 0.56 bbls per month lost volume due to shrinkage. The value of the shrunk and lost condensate does not recoup or payout the cost of installing and maintaining the valves and other devices that hold the positive tank pressure. An economic run based on the loss and costs is attached. Westport Oil & Gas requests approval of this variance in order to increase the value of the well to the operator and the mineral royalty owners.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) DEBRA DOMENICI	Title ENVIRONMENTAL ASSISTANT
Signature <i>Debra Domenici</i>	Date July 9, 2004

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title Accepted by the Utah Division of Oil, Gas and Mining	Date	Federal Approval Of This Action Is Necessary
-------------	--	------	---

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any date within its jurisdiction

(Instructions on reverse)

COPY SENT TO OPERATOR
Date: 2-16-04
Initials: CHD

By: *[Signature]*

RECEIVED
JUL 14 2004

ALL WELLS ROCKY MOUNTAIN GAS- OURAY ENARDO VARIANCE

WELL	LEGALS	STF LEASE NO	CA NUMBER	API NO
SERAWOP 34-038	SWSW SEC 34, T8S, R21E	14-20-H62-3009	9C-178	4304733290
TABBEE 03-120	SWNE SEC 3, T9S, R20E	14-20-H62-3016	9C-210	4304733682
TABBEE 34-020	NENW SEC 34, T08S, R20E	14-20-H62-2998	9C-207	4304730734
TABBEE 34-108	SWNE SEC 34, T8S, R20E	14-20-H62-2997	9C-207	4304733410
TABBEE 34-109	NESW SEC 34, T8S, R20E	14-20-H62-2999	9C-208	4304733411
TABBEE 34-110	SWSE SEC 34, T8S, R20E	14-20-H62-2997	9C-208	4304733412
TRIBAL 35-210	SWSW SEC 35, T8S, R20E	14-20-H62-3000	9C-184	4304734476
TRIBAL 36-148	SWSE SEC. 36, T8S, R21E	14-20-H62-3014	9C-205	4304734507
UTE TRIBAL 02-050	NWNE LOT 2, SEC 2 T09S, R21E	14-20-H62-2888	9C-187	4304732698
UTE TRIBAL 02-102	SENE SEC 2, T9S, R21E	14-20-H62-2888	9C-187	4304733379
UTE TRIBAL 02-206	SWNE SEC 2, T9S, R21E	14-20-H62-2888	9C-187	4304734478
UTE TRIBAL 04-123	NWNE SEC 4, T9S, R20E	14-20-H62-2942	9C-191	4304734086
UTE TRIBAL 06-01	NENW SEC 6, T9S, R22E	14-20-H62-2890	CR-12	4304730667
UTE TRIBAL 32-03 D3E	NENW LOT 3 SEC 32, T4S, R3E	14-20-H62-4836		4304733160
UTE TRIBAL 35-016	NWSE SEC 35, T8S, R20E	14-20-H62-2870	9C-184	4304730666
UTE TRIBAL 35-019	NESE SEC. 35, T8S, R21E	14-20-H62-2888	9C-182	4304730665
UTE TRIBAL 35-112X	NWSW SEC 35, T8S, R20E	14-20-H62-3000	9C-184	4304734473
UTE TRIBAL 35-113	SESW SEC 35, T8S, R20E	14-20-H62-3001	9C-184	4304733396
UTE TRIBAL 36-017	NWSE SEC 36, T8S, R21E	14-20-H62-2889	9C-205	4304730682
UTE TRIBAL 36-065	NESE SEC 36, T8S, R21E	14-20-H62-2889	9C-205	4304733293
WEEKS 06-154	NESE SEC 6, T9S, R21E	14-20-H62-3021	CR-144	4304733924
WISSIUP 36-015	NWSE SEC 36, T8S, R20E	14-20-H62-3003	CR-I-219	4304730700
WYASKET 33-026	NWSE SEC 33, T8S, R20E	14-20-H62-2994	CR-172	4304730907
WYASKET 33-106	SESE SEC 33, T8S, R20E	14-20-H62-2994	CR-172	4304733409
WYASKET 33-219	SWSE SEC 33, T8S, R20E	14-20-H62-2994	CR-172	4304734477

Westport Oil & Gas, L.P.

Project Economics Worksheet

Instructions:

Fill in blue boxed areas with before and after project data. The evaluation results are shown below and graphed automatically at the bottom of the page. This sheet is protected to prevent accidental alteration of the formulas. See JTC for changes. OPX entered as annual costs and/or as unit OPX costs for \$/BF and \$/MCF

Project Name:

Condensate Shrinkage Economics

Is this job a well pull or production rig job ??? ☐ N (Y or N)

	BEFORE \$/Year	AFTER \$/Year	DIFFERENCE \$/Year
Gross Oil Revenue	\$1,088	\$1,099	\$11
Gross Gas Revenue	\$0	\$0	\$0
NGL Revenue	\$0	\$0	\$0
PULLING UNIT SERVICE			\$0
WIRELINE SERVICE			\$0
SUBSURF EQUIP REPAIRS			\$0
COMPANY LABOR			\$0
CONTRACT LABOR	\$0	\$200	\$200
CONTR SERVICE			\$0
LEASE FUEL GAS	\$0	\$0	\$0
UTILITIES - ELECTRICITY	\$0	\$0	\$0
CHEMICAL TREATING			\$0
MATERIAL & SUPPLY	\$0	\$150	\$150
WATER & HAULING			\$0
ADMINISTRATIVE COSTS			\$0
GAS PLANT PROCESSING			\$0
Totals	\$0	\$350	\$350

Increased OPX Per Year

Investment Breakdown:

	Cap/Exp Code	Cost, \$
Capital \$	820/830/840	\$1,200
Expense \$	830/860	\$0
Total \$		\$1,200

Oil Price	\$ 23.00	\$/BO
Gas Price	\$ 3.10	\$/MCF
Electric Cost	\$ -	\$ / HP / day
OPX/BF	\$ 2.00	\$/BF
OPX/MCF	\$ 0.62	\$/MCF

Production & OPX Detail:

	Before	After	Difference
Oil Production	0.192 BOPD	0.194 BOPD	0.002 BOPD
Gas Production	0 MCFPD	0 MCFPD	0 MCFPD
Wtr Production	0 BWPD	0 BWPD	0 BWPD
Horse Power	0 HP	0 HP	0 HP
Fuel Gas Burned	0 MCFPD	0 MCFPD	0 MCFPD

Project Life:

Life = 20.0 Years
(Life no longer than 20 years)

Internal Rate of Return:

After Tax IROR = #DIV/0!

AT Cum Cashflow:

Operating Cashflow = (\$2,917) (Discounted @ 10%)

Payout Calculation:

$$\text{Payout} = \frac{\text{Total Investment}}{\text{Sum(OPX + Incremental Revenue)}} = 1$$

Payout occurs when total AT cashflow equals investment
See graph below, note years when cashflow reaches zero

Payout = NEVER Years or #VALUE! Days

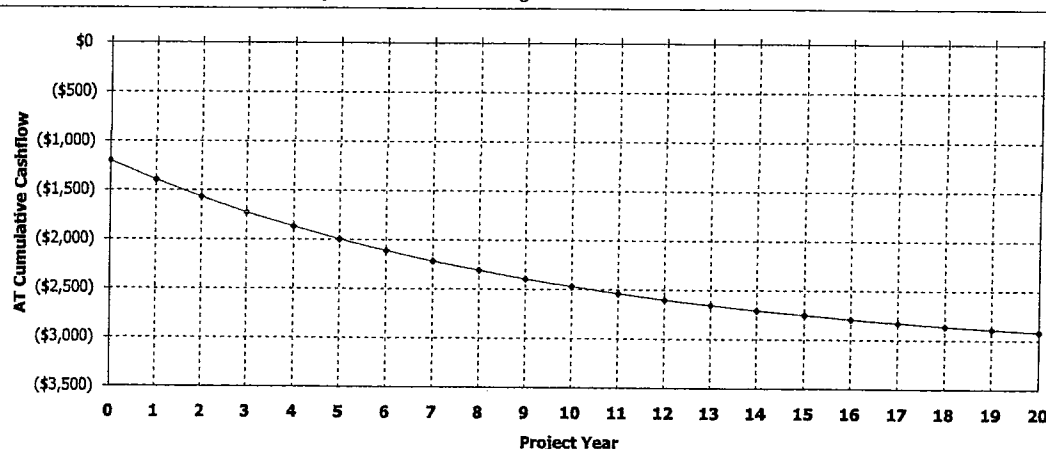
Gross Reserves:

Oil Reserves = 6 BO
Gas Reserves = 0 MCF
Gas Equiv Reserves = 38 MCFE

Notes/Assumptions:

An average NBU well produces 0.192 Bcpd with no tank pressure. The production is increased to 0.196 Bcpd if 6 ozs of pressure are placed on the tank. The increased production does not payout the valve cost or the estimated annual maintenance costs.

Project: Condensate Shrinkage Economics



Westport Oil and Gas, Inc.

NBU/Ouray Field

RFL 2003-022

COMPARISON OF FLASH BACK PRESSURES

Calculated by Characterized Equation-of-State

Flash Conditions		Gas/Oil Ratio (scf/STbbl)	Specific Gravity of Flashed Gas (Air=1.000)	Separator Volume Factor (B)	Separator Volume Percent (C)
psig	°F	(A)			

Calculated at Laboratory Flash Conditions

80	70			1.019	
0	122	30.4	0.993	1.033	101.37%
0	60	0.0	—	1.000	98.14%

Calculated Flash with Backpressure using Tuned EOS

80	70			1.015	
6.0 oz	65	24.6	0.777	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
4.0 oz	65	24.7	0.778	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
2.0 oz	65	24.7	0.779	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
0	65	24.8	0.780	1.003	98.82%
0	60	0.0	—	1.000	98.52%

(A) Cubic Feet of gas at 14.696 psia and 60 °F per Barrel of Stock Tank Oil at 60 °F.

(B) Barrels of oil at indicated pressure and temperature per Barrel of Stock Tank Oil at 60 °F.

(C) Oil volume at indicated pressure and temperature as a percentage of original saturated oil volume.

Note: Bubblepoint of sample in original sample container was 80 psig at 70° F with 1 cc water

ALL WELLS ROCKY MOUNTAIN GAS- OURAY ENARDO VARIANCE

WELL	LEGALS	STF LEASE NO	CA NUMBER	API NO
ANKERPONT 31-012	SWSE SEC 31, T8S, R21E	14-20-H62-3007	9C-209	4304730699
ANKERPONT 31-039	LOT 3 SEC 31, T8S, R21E	14-20-H62-3006	9C-209	4304733339
ANKERPONT 31-086	SESW SEC 31, T8S, R21E	14-20-H62-3006	9C-209	4304733384
ANKERPONT 35-036	NESW SEC 35, T8S, R21E	14-20-H62-3012	9C-182	4304731960
ANKERPONT ETAL 02-06	LOT 3 SEC 2, T9S, R21E	14-20-H62-3012	9C-187	4304730572
ARCHEE 01-117	NWNE SEC 1, T9S, R20E	14-20-H62-3015	CR-168	4304733388
BLACK 05-044	NESW SEC 5, T9S, R21E	14-20-H62-3020	CR-4	4304732537
BLACK 06-035	SENE SEC 6, T9S, R21E	14-20-H62-3021	9C-179	4304731872
BLACK 06-155	NENE SEC 6, T9S, R21E	14-20-H62-3021	9C-000179	4304734960
BLUEFEATHER 04-30	NESE SEC 4, T9S, R21E	14-20-H62-3650	UT080P49-84C721	4304731000
CTB-E1S	NESW SEC 1, T9S, R21 E			
CTB-E2S	NWSE SEC 2, T9S, R21 E			
CTB-E30S	SESW SEC 30, T8S, R22E			
CTB-E31N	SESW SEC 31, T8S, R22E			
CTB-E34S	SWSE SEC 34, T8S, R21E			
CTB-E35N	SWNE SEC 35, T8S, R21E			
CTB-E35S	NWSE SEC 35, T8S, R21E			
CTB-E36S	SWSW SEC 36, T8S, R21E			
CTB-E6N	NENW SEC 6, T9S, R22E			
CTB-W1S	SWSE SEC 1, T9S, R20E			
CTB-W31N	SESW SEC 31, T8S, R21E			
CTB-W32SE	NWSE SEC 32, T8S, R21E			
CTB-W33S	NWSE SEC 33, T8S, R21E			
CTB-W34N	SESW SEC 34, T8S, R20E			
CTB-W35N	SWNE SEC 35, T8S, R20E			
CTB-W36S	NESE SEC 36, T8S, R20E			
CTB-W4S	NESE SEC 4, T9S, R21E			
CTB-W5S	SWSE SEC 5, T9S, R21E			
CTB-W6S	SWSW SEC 6, T9S, R21E			
DM ICE FRIDAY 34-22	NESE SEC 34, T8S, R20E	14-20-H62-2997	9C-208	4304730753
DUNCAN FED 33-09	SWSE SEC 33, T8S, R21E	14-20-H62-3701	NRM-1705	4304730643
FEDERAL 33-93	SWSW SEC 33, T8S, R21E	UTU9809	NRM-1705	4304733386
FEDERAL 35-05	NWNW SEC 35, T8S, R21E	UTU8621	NRM-1604	4304730563
HALL ETAL 31-018	NWNW SEC 31, T8S, R22E	FEE	NRM-1887	4304730664
IGNACIO 33-107	SESW SEC 33, T8S, R20E	14-20-H62-2995	CR-172	4304733674
IGNACIO 33-221	NESW SEC 33, T8S, R20E	14-20-H62-2995	CR-172	4304734475
JENKS 05-011	LOT 3 SEC 5, T9S, R21E	14-20-H62-3008	9C-183	4304730726
K SNOW KNIGHT 04-23	NENW SEC 4, T9S, R20E	14-20-H62-2942	9C-191	4304730749
KNIGHT 4-124	LOT 5 SEC 4, T9S, R20E	14-20-H62-3017	9C-191	4304733675
KURIP 01-027	NENW SEC 1, T9S, R20E	14-20-H62-3004	CR-168	4304730962
McCOOK 01-170	SWNW SEC 1, T9S, R21E	14-20-H62-4729	UTU76246	4304733997
MTN LION ETAL 34-2	NESE SEC 34, T08S, R21E	14-20-H-62-3010	9C178	4304730338
OURAY 06-066	NWSE SEC 6, T9S, R21E	14-20-H62-3022	CR-144	4304733284
OURAY 06-071	SESW SEC 6, T9S, R21E	14-20-H62-3028	CR-144	4304733285
OURAY 06-084	SWNW LOT 5 SEC 6, T9S, R21E	14-20-H62-3023	CR-144	4304734026
OURAY 32-070	SWSE SEC 32, T8S, R21E	14-20-H62-3024	9C-204	4304733289
OURAY 33-090	SESE SEC 33, T8S, R21E	14-20-H62-3650	NRM-1705	4304733381
OURAY 34-079	NESW SEC 34, T8S, R21E	14-20-H62-3009	9C-178	4304733291
OURAY 35-174	NENE SEC 35 T8S R21E	FEE	NRM-1604	4304733248
OURAY SWD 1	NENE SEC. 1, T9S, R21E	UTU-76246		4304733449
PAWWINNEE 34-049	SWSE SEC 34, T8S, R21E	14-20-H62-3010	9C-178	4304732694
PAWWINNEE ETAL 03-10	LOT 3 SEC 3, T9S, R21E	14-20-H62-3009	9C-186	4304730662
PINNACOOSE 06-03	SESW SEC 6, T9S, R21E	14-20-H62-3028	9C-179	4304730428
POST 03-024	NENW SEC 3, T9S, R20E	14-20-H62-3026	9C-210	4304730804
SANTIO 4-233	SWNW SEC. 4, T9S, R21E	14-20-H62-3894	UT080491-84C725	4304734776
SERAWOP 04-013	SESW SEC 4, T9S, R21E	14-20-H62-3701	UT080491-84C725	4304730663

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ

2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

1/6/2006

FROM: (Old Operator):

N2115-Westport Oil & Gas Co., LP

1368 South 1200 East

Vernal, UT 84078

Phone: 1-(435) 781-7024

TO: (New Operator):

N2995-Kerr-McGee Oil & Gas Onshore, LP

1368 South 1200 East

Vernal, UT 84078

Phone: 1-(435) 781-7024

CA No.		Unit:					
WELL NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- b. If **NO**, the operator was contacted on: _____
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a
- 5c. Reports current for Production/Disposition & Sundries on: ok
- 6. Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet
- 7. Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
- 8. Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- 9. Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: _____

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 5/15/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
- Bond information entered in RBDMS on: 5/15/2006
- Fee/State wells attached to bond in RBDMS on: 5/16/2006
- Injection Projects to new operator in RBDMS on: _____
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: RLB0005239
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG
The Division sent response by letter on: _____

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

COMMENTS:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.
KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

BLM BOND = C01203

BIA BOND = RLB0005239

APPROVED 5/16/06

Earlene Russell

**Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician**

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RANDY BAYNE

Signature

Randy Bayne

Title

DRILLING MANAGER

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06

Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

BRAD LANEY

Signature

Title

ENGINEERING SPECIALIST

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Brad Laney

Title

Office

Date

5-9-06

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)